

TECHNICAL MANUAL

for

MODIFIED CP-642B COMPUTER

for use with

EMU

VOLUME II

SECTION 8

PX 4404-2-1

Prepared for
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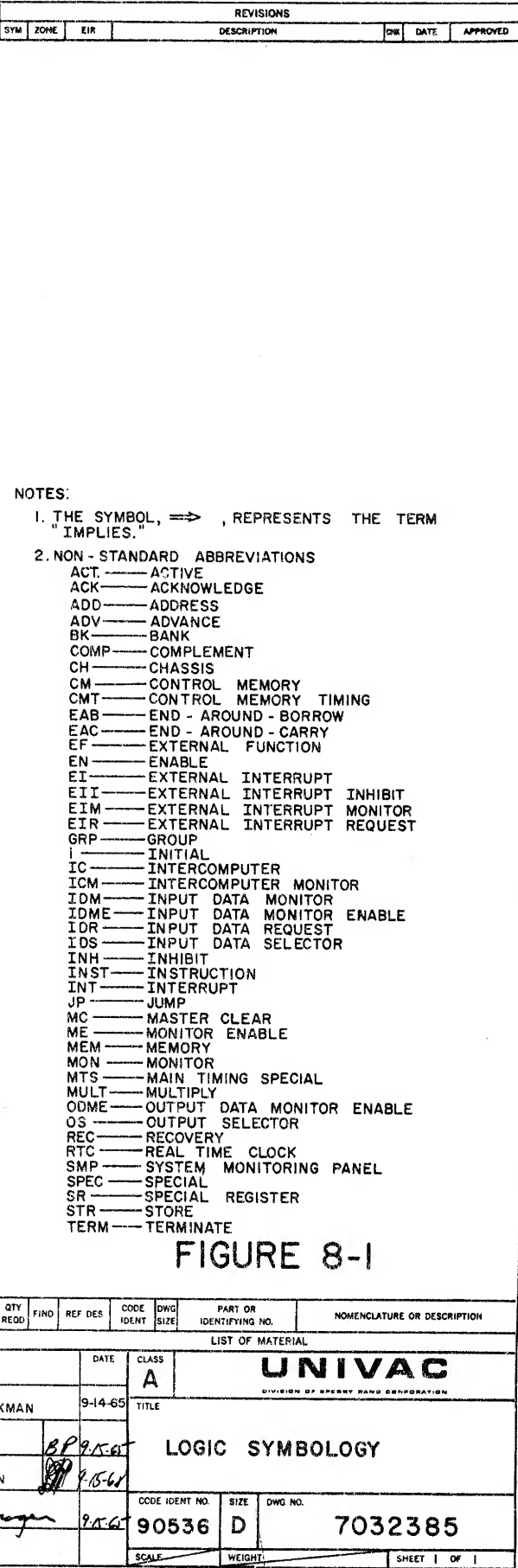
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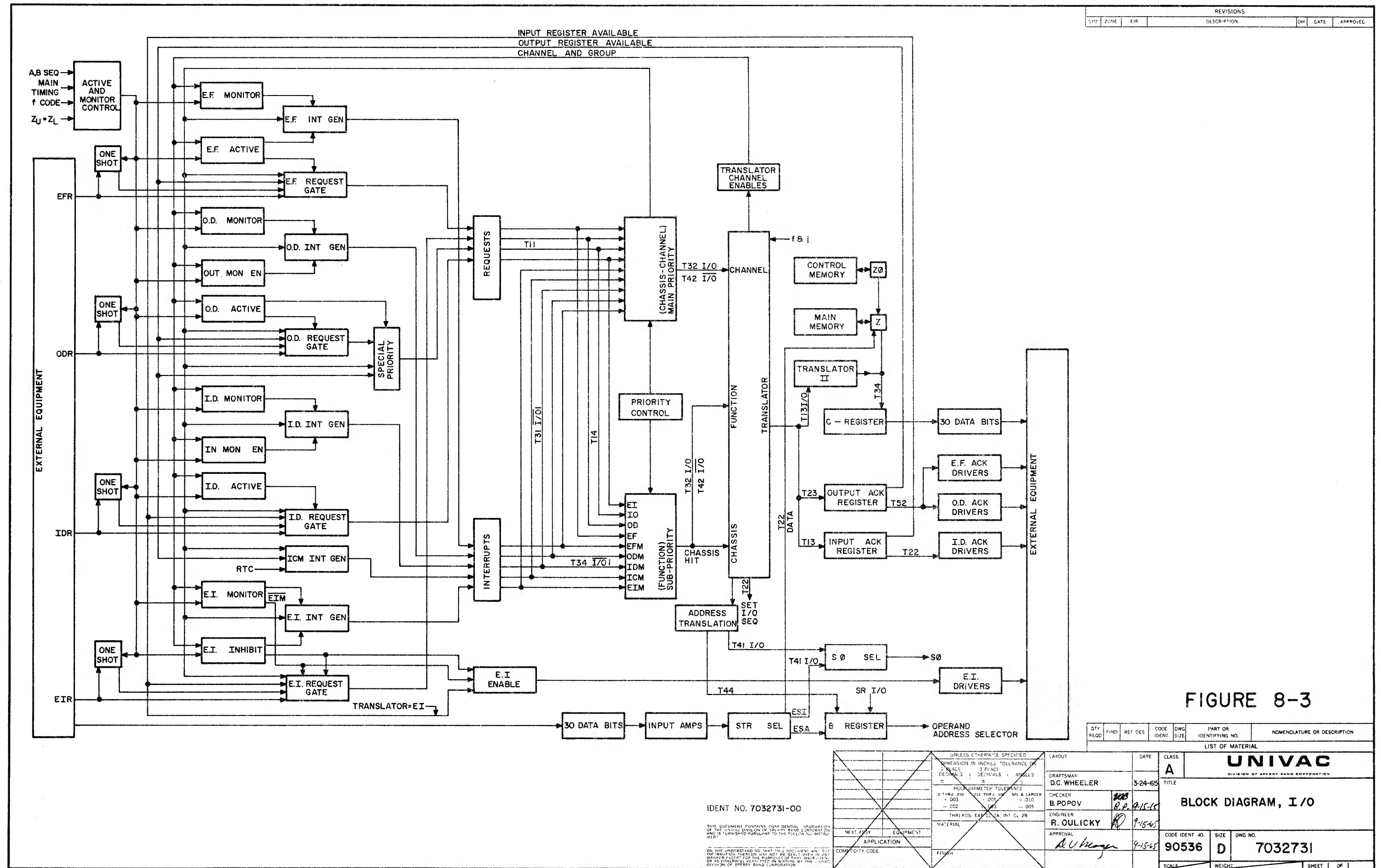
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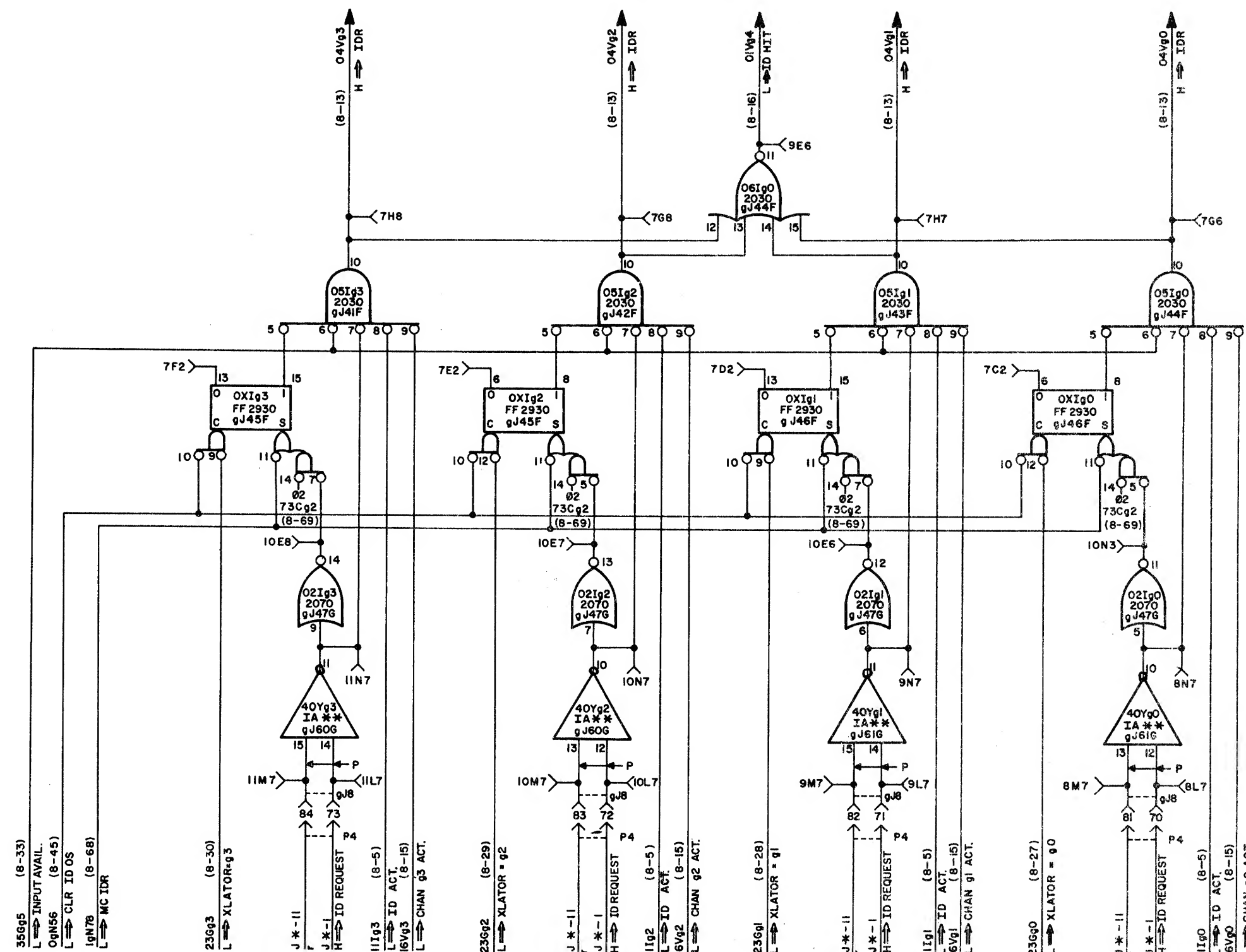
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8-315.	Functional Schematic, ZO Register Bits 24-29	7032677A			
8-316.	Functional Schematic, ZU ≠ ZL	7032664			
8-317.	Functional Schematic, Sense Amps & Digit Drivers Bits 00-02	7035480A			





REVISIONS				
SYM	ZONE	EIR	DESCRIPTION	CHK DATE APPROVED
A		71604	SEE EIR	10-23-5



L ⇒ IDR

FIGURE 8-4

* INPUT CHANNEL

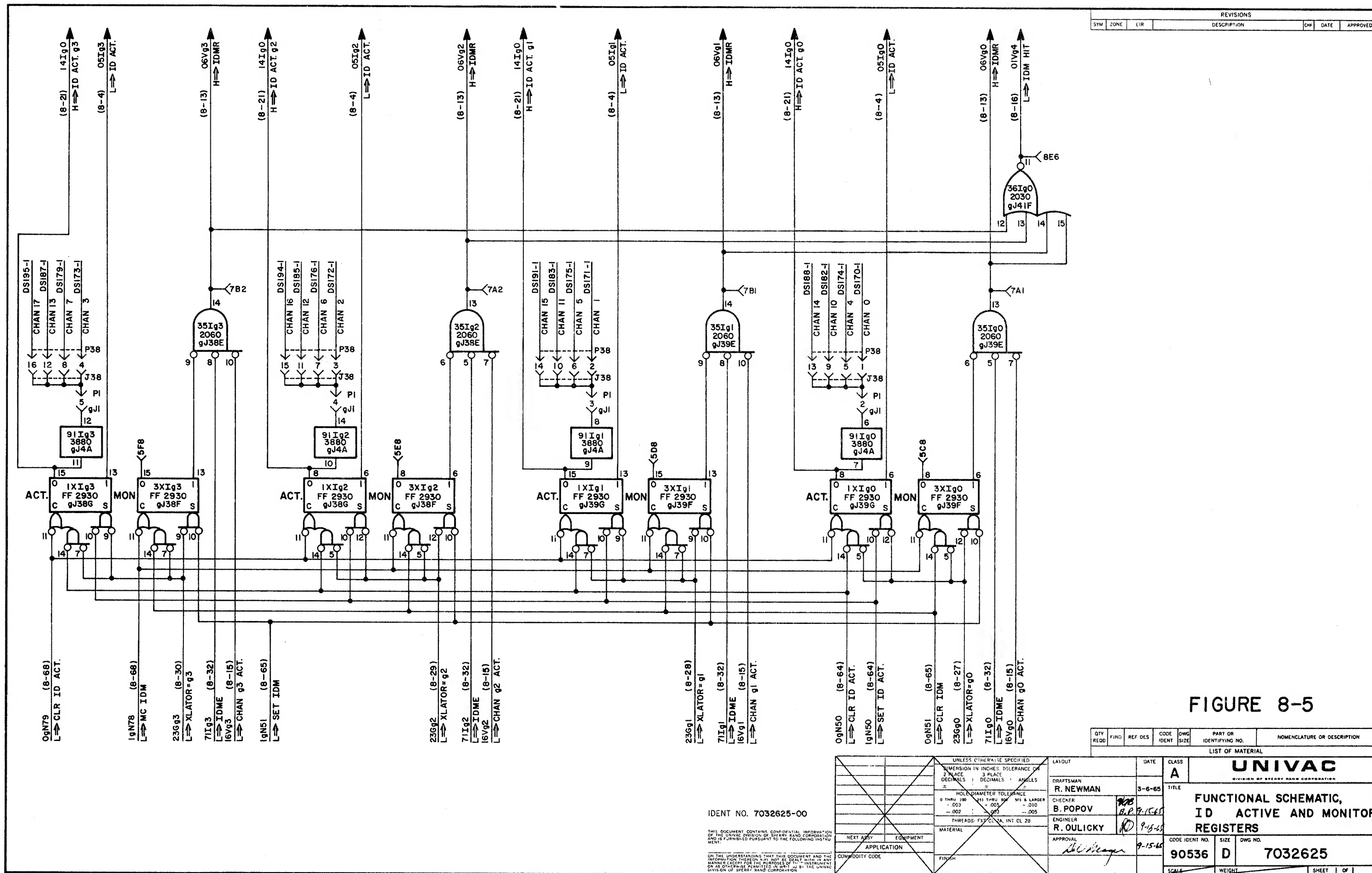
CHANNEL	0	1	2	3	4	5	6	7	10	11	12	13	14	15	16	17
I/O JACK	27	16	4	5	28	17	6	7	18	19	8	9	20	21	10	11

** IA WILL BE A 2090 FOR SLOW INTERFACE OR A 2320 FOR FAST INTERFACE.

IDENT NO. 7032612-00

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION AND IS FURNISHED PURSUANT TO THE FOLLOWING INSTRUMENT DATA ORDER NO. 7032612-00. IT IS TO BE KEPT IN THE UNIVAC DIVISION OF SPERRY RAND CORPORATION.

UNLESS OTHERWISE SPECIFIED		LAYOUT		DATE	CLASS	PART OR IDENTIFYING NO.		NOMENCLATURE OR DESCRIPTION	
DIMENSION IN INCHES TOLERANCE OR 2 PLACE DECIMALS 3 PLACE DECIMALS ANGLES		DRAFTSMAN		220-65	A	UNIVAC		DIVISION OF SPERRY RAND CORPORATION	
HOLE DIAMETER TOLERANCE		CHECKER		2-15-65		FUNCTIONAL SCHEMATIC, ID REQ OS & GATES			
0 THRU .250 +.003 -.002		B. POPOV		7-15-65		CODE IDENT NO.		SIZE	
.251 THRU .500 +.003 -.003		R. OULICKY				90536		D	
.501 & LARGER +.010 -.010		APPROVAL				DWG NO.		7032612	
THREADS EX. CL. 24, INT. CL. 20		R. OULICKY				SCALE		WEIGHT	
MATERIAL		COMMODITY CODE		APPLICATION		SHEET		OF 1	



REVISIONS				
SYM	ZONE	EIR	DESCRIPTION	CHK DATE APPROVED

FIGURE 8-5

IDENT NO. 7032625-00

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION AND IS FURNISHED PURSUANT TO THE FOLLOWING INSTRUMENT ON THE UNDERSTANDING THAT THIS DOCUMENT AND THE INFORMATION THEREON WAS NOT BE DEALT WITH IN ANY MANNER EXCEPT FOR THE PURPOSES OF THE INSTRUMENT ON AS OTHERWISE PERMITTED IN WRITING BY THE UNIVAC DIVISION OF SPERRY RAND CORPORATION

UNLESS OTHERWISE SPECIFIED	
DIMENSION IN INCHES	TOLERANCE
2 PLACE DECIMALS	3 PLACE DECIMALS
0 THRU .250	.005
.251 THRU .500	.010
.501 & LARGER	.015
THREADS	F37 CL 2A INT CL 2B
MATERIAL	
FINISH	

LAYOUT	
DRAFTSMAN	R. NEWMAN
CHECKER	B. POPOV
ENGINEER	R. OULICKY
APPROVAL	

DATE	
3-6-65	
9-15-65	
9-15-65	
CLASS	
A	
TITLE	
FUNCTIONAL SCHEMATIC, ID ACTIVE AND MONITOR REGISTERS	
LIST OF MATERIAL	
QTY REQD	FIND
REF DES	CODE IDENT
DWG SIZE	PART OR IDENTIFYING NO.
NOMENCLATURE OR DESCRIPTION	
UNIVAC	
DIVISION OF SPERRY RAND CORPORATION	
CODE IDENT NO.	
90536	
SIZE	
D	
DWG NO.	
7032625	
SCALE	
WEIGHT	
SHEET OF	

REVISIONS				CHK	DATE	APPROVED
SYM	ZONE	EIR	DESCRIPTION			
A	71684	SEE EIR			10-23-6	

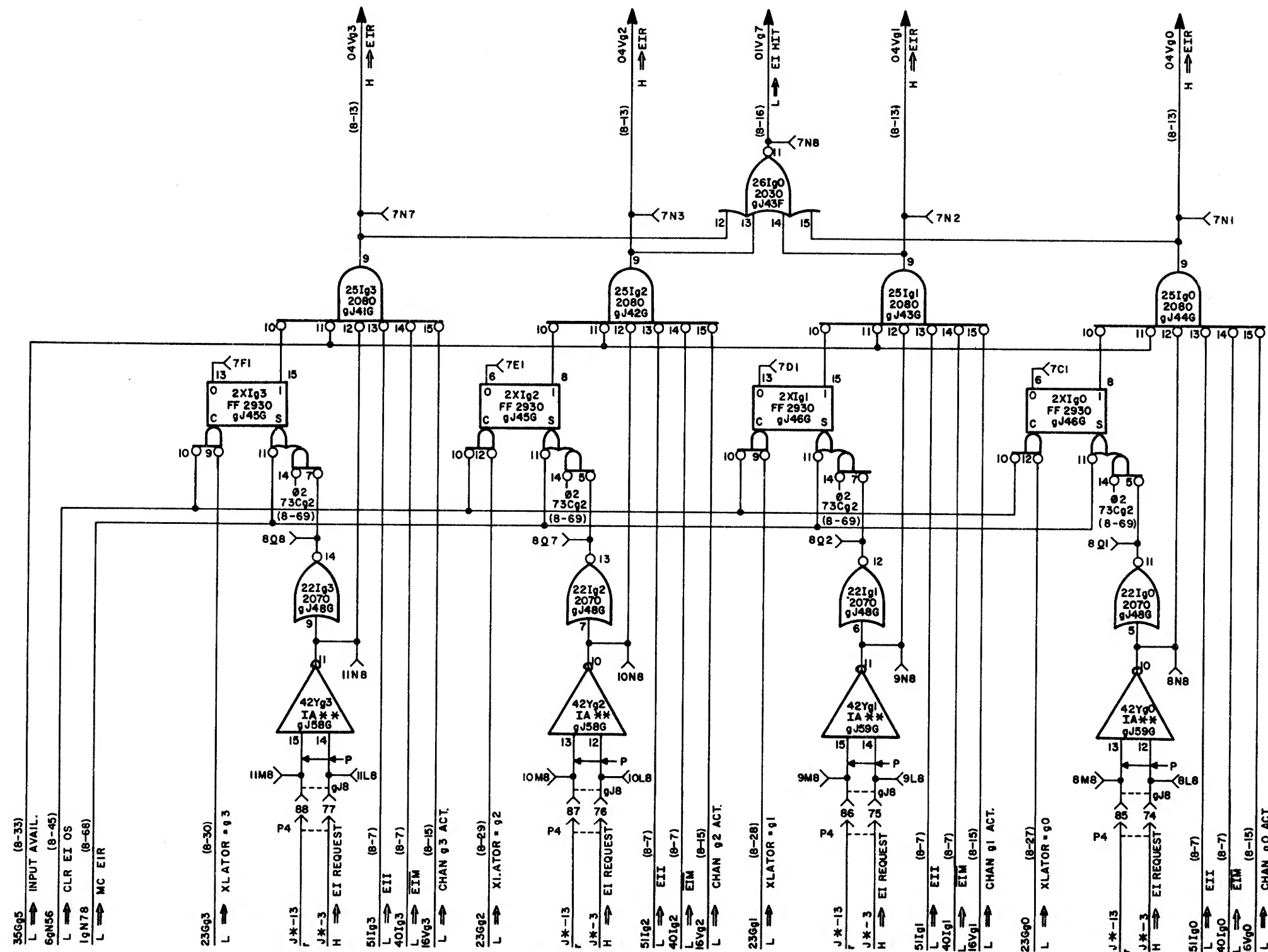


FIGURE 8-6

INPUT CHANNEL	0	1	2	3	4	5	6	7	10	11	12	13	14	15	16	17
I/O JACK	27	16	4	5	28	17	6	7	18	19	8	9	20	21	10	11

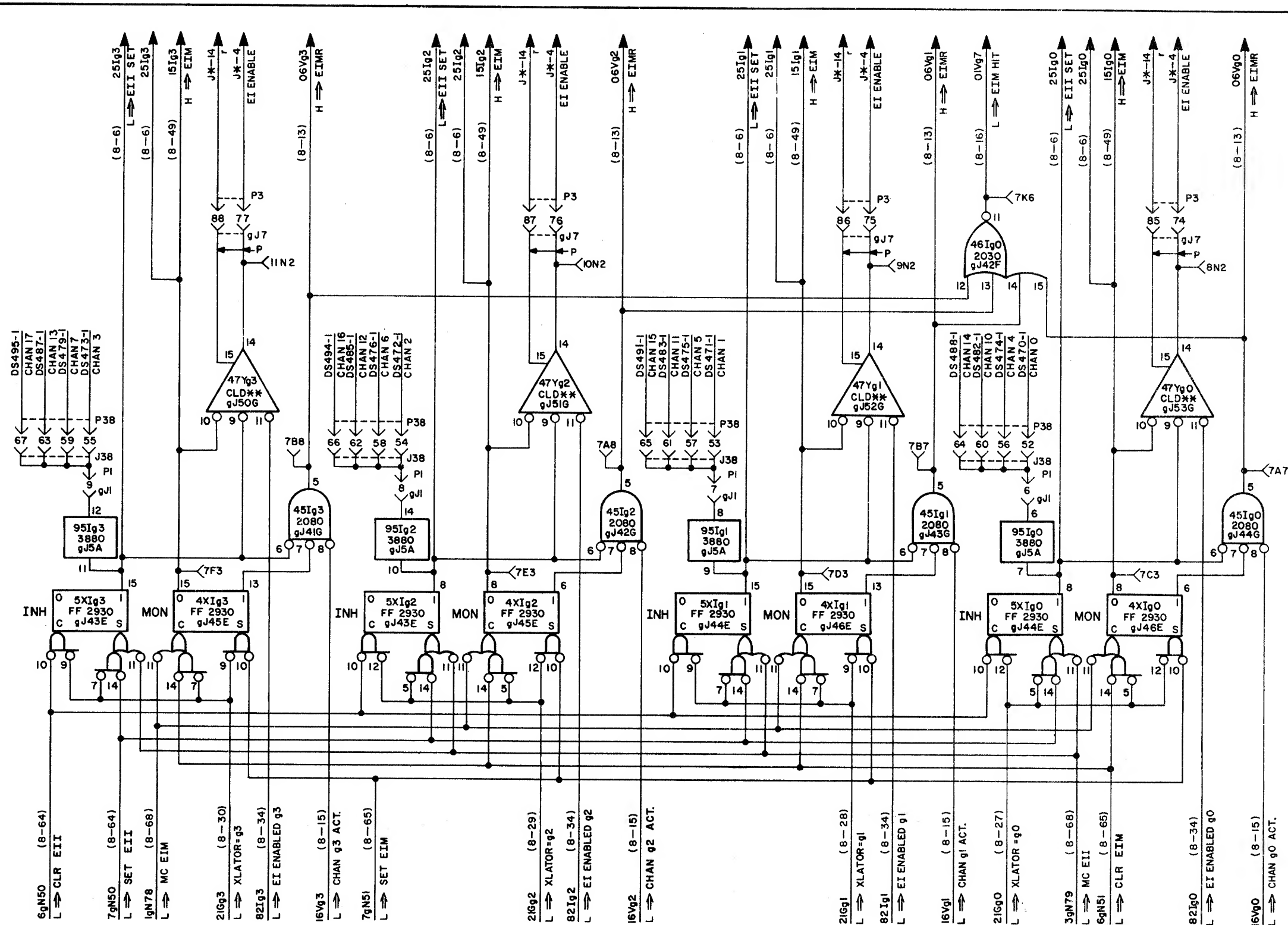
** IA WILL BE A 2090 FOR SLOW INTERFACE OR A 2320 FOR FAST INTERFACE.

IDENT NO. 7032614-00

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UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES, TOLERANCE OR 2 PLACE DECIMALS HOLE DIAMETER TOLERANCE 0 THRU .250 +.003 -.002 THRU .500 +.005 -.003 THRU 1.000 +.007 -.005 THRU 1.500 +.009 -.007 THRU 2.000 +.010 -.008 THRU 3.000 +.012 -.010 THRU 4.000 +.015 -.012 THRU 5.000 +.018 -.015 THRU 6.000 +.020 -.018 THRU 7.000 +.022 -.020 THRU 8.000 +.025 -.022 THRU 9.000 +.028 -.025 THRU 10.000 +.030 -.028 THRU 11.000 +.032 -.030 THRU 12.000 +.035 -.032 THRU 13.000 +.038 -.035 THRU 14.000 +.040 -.038 THRU 15.000 +.042 -.040 THRU 16.000 +.045 -.042 THRU 17.000 +.048 -.045 THRU 18.000 +.050 -.048 THRU 19.000 +.052 -.050 THRU 20.000 +.055 -.052 THRU 21.000 +.058 -.055 THRU 22.000 +.060 -.058 THRU 23.000 +.062 -.060 THRU 24.000 +.065 -.062 THRU 25.000 +.068 -.065 THRU 26.000 +.070 -.068 THRU 27.000 +.072 -.070 THRU 28.000 +.075 -.072 THRU 29.000 +.078 -.075 THRU 30.000 +.080 -.078 THRU 31.000 +.082 -.080 THRU 32.000 +.085 -.082 THRU 33.000 +.088 -.085 THRU 34.000 +.090 -.088 THRU 35.000 +.092 -.090 THRU 36.000 +.095 -.092 THRU 37.000 +.098 -.095 THRU 38.000 +.100 -.098 THRU 39.000 +.102 -.100 THRU 40.000 +.105 -.102 THRU 41.000 +.108 -.105 THRU 42.000 +.110 -.108 THRU 43.000 +.112 -.110 THRU 44.000 +.115 -.112 THRU 45.000 +.118 -.115 THRU 46.000 +.120 -.118 THRU 47.000 +.122 -.120 THRU 48.000 +.125 -.122 THRU 49.000 +.128 -.125 THRU 50.000 +.130 -.128 THRU 51.000 +.132 -.130 THRU 52.000 +.135 -.132 THRU 53.000 +.138 -.135 THRU 54.000 +.140 -.138 THRU 55.000 +.142 -.140 THRU 56.000 +.145 -.142 THRU 57.000 +.148 -.145 THRU 58.000 +.150 -.148 THRU 59.000 +.152 -.150 THRU 60.000 +.155 -.152 THRU 61.000 +.158 -.155 THRU 62.000 +.160 -.158 THRU 63.000 +.162 -.160 THRU 64.000 +.165 -.162 THRU 65.000 +.168 -.165 THRU 66.000 +.170 -.168 THRU 67.000 +.172 -.170 THRU 68.000 +.175 -.172 THRU 69.000 +.178 -.175 THRU 70.000 +.180 -.178 THRU 71.000 +.182 -.180 THRU 72.000 +.185 -.182 THRU 73.000 +.188 -.185 THRU 74.000 +.190 -.188 THRU 75.000 +.192 -.190 THRU 76.000 +.195 -.192 THRU 77.000 +.198 -.195 THRU 78.000 +.200 -.198 THRU 79.000 +.202 -.200 THRU 80.000 +.205 -.202 THRU 81.000 +.208 -.205 THRU 82.000 +.210 -.208 THRU 83.000 +.212 -.210 THRU 84.000 +.215 -.212 THRU 85.000 +.218 -.215 THRU 86.000 +.220 -.218 THRU 87.000 +.222 -.220 THRU 88.000 +.225 -.222 THRU 89.000 +.228 -.225 THRU 90.000 +.230 -.228 THRU 91.000 +.232 -.230 THRU 92.000 +.235 -.232 THRU 93.000 +.238 -.235 THRU 94.000 +.240 -.238 THRU 95.000 +.242 -.240 THRU 96.000 +.245 -.242 THRU 97.000 +.248 -.245 THRU 98.000 +.250 -.248 THRU 99.000 +.252 -.250 THRU 100.000 +.255 -.252 THRU 101.000 +.258 -.255 THRU 102.000 +.260 -.258 THRU 103.000 +.262 -.260 THRU 104.000 +.265 -.262 THRU 105.000 +.268 -.265 THRU 106.000 +.270 -.268 THRU 107.000 +.272 -.270 THRU 108.000 +.275 -.272 THRU 109.000 +.278 -.275 THRU 110.000 +.280 -.278 THRU 111.000 +.282 -.280 THRU 112.000 +.285 -.282 THRU 113.000 +.288 -.285 THRU 114.000 +.290 -.288 THRU 115.000 +.292 -.290 THRU 116.000 +.295 -.292 THRU 117.000 +.298 -.295 THRU 118.000 +.300 -.298 THRU 119.000 +.302 -.300 THRU 120.000 +.305 -.302 THRU 121.000 +.308 -.305 THRU 122.000 +.310 -.308 THRU 123.000 +.312 -.310 THRU 124.000 +.315 -.312 THRU 125.000 +.318 -.315 THRU 126.000 +.320 -.318 THRU 127.000 +.322 -.320 THRU 128.000 +.325 -.322 THRU 129.000 +.328 -.325 THRU 130.000 +.330 -.328 THRU 131.000 +.332 -.330 THRU 132.000 +.335 -.332 THRU 133.000 +.338 -.335 THRU 134.000 +.340 -.338 THRU 135.000 +.342 -.340 THRU 136.000 +.345 -.342 THRU 137.000 +.348 -.345 THRU 138.000 +.350 -.348 THRU 139.000 +.352 -.350 THRU 140.000 +.355 -.352 THRU 141.000 +.358 -.355 THRU 142.000 +.360 -.358 THRU 143.000 +.362 -.360 THRU 144.000 +.365 -.362 THRU 145.000 +.368 -.365 THRU 146.000 +.370 -.368 THRU 147.000 +.372 -.370 THRU 148.000 +.375 -.372 THRU 149.000 +.378 -.375 THRU 150.000 +.380 -.378 THRU 151.000 +.382 -.380 THRU 152.000 +.385 -.382 THRU 153.000 +.388 -.385 THRU 154.000 +.390 -.388 THRU 155.000 +.392 -.390 THRU 156.000 +.395 -.392 THRU 157.000 +.398 -.395 THRU 158.000 +.400 -.398 THRU 159.000 +.402 -.400 THRU 160.000 +.405 -.402 THRU 161.000 +.408 -.405 THRU 162.000 +.410 -.408 THRU 163.000 +.412 -.410 THRU 164.000 +.415 -.412 THRU 165.000 +.418 -.415 THRU 166.000 +.420 -.418 THRU 167.000 +.422 -.420 THRU 168.000 +.425 -.422 THRU 169.000 +.428 -.425 THRU 170.000 +.430 -.428 THRU 171.000 +.432 -.430 THRU 172.000 +.435 -.432 THRU 173.000 +.438 -.435 THRU 174.000 +.440 -.438 THRU 175.000 +.442 -.440 THRU 176.000 +.445 -.442 THRU 177.000 +.448 -.445 THRU 178.000 +.450 -.448 THRU 179.000 +.452 -.450 THRU 180.000 +.455 -.452 THRU 181.000 +.458 -.455 THRU 182.000 +.460 -.458 THRU 183.000 +.462 -.460 THRU 184.000 +.465 -.462 THRU 185.000 +.468 -.465 THRU 186.000 +.470 -.468 THRU 187.000 +.472 -.470 THRU 188.000 +.475 -.472 THRU 189.000 +.478 -.475 THRU 190.000 +.480 -.478 THRU 191.000 +.482 -.480 THRU 192.000 +.485 -.482 THRU 193.000 +.488 -.485 THRU 194.000 +.490 -.488 THRU 195.000 +.492 -.490 THRU 196.000 +.495 -.492 THRU 197.000 +.498 -.495 THRU 198.000 +.500 -.498 THRU 199.000 +.502 -.500 THRU 200.000 +.505 -.502 THRU 201.000 +.508 -.505 THRU 202.000 +.510 -.508 THRU 203.000 +.512 -.510 THRU 204.000 +.515 -.512 THRU 205.000 +.518 -.515 THRU 206.000 +.520 -.518 THRU 207.000 +.522 -.520 THRU 208.000 +.525 -.522 THRU 209.000 +.528 -.525 THRU 210.000 +.530 -.528 THRU 211.000 +.532 -.530 THRU 212.000 +.535 -.532 THRU 213.000 +.538 -.535 THRU 214.000 +.540 -.538 THRU 215.000 +.542 -.540 THRU 216.000 +.545 -.542 THRU 217.000 +.548 -.545 THRU 218.000 +.550 -.548 THRU 219.000 +.552 -.550 THRU 220.000 +.555 -.552 THRU 221.000 +.558 -.555 THRU 222.000 +.560 -.558 THRU 223.000 +.562 -.560 THRU 224.000 +.565 -.562 THRU 225.000 +.568 -.565 THRU 226.000 +.570 -.568 THRU 227.000 +.572 -.570 THRU 228.000 +.575 -.572 THRU 229.000 +.578 -.575 THRU 230.000 +.580 -.578 THRU 231.000 +.582 -.580 THRU 232.000 +.585 -.582 THRU 233.000 +.588 -.585 THRU 234.000 +.590 -.588 THRU 235.000 +.592 -.590 THRU 236.000 +.595 -.592 THRU 237.000 +.598 -.595 THRU 238.000 +.600 -.598 THRU 239.000 +.602 -.600 THRU 240.000 +.605 -.602 THRU 241.000 +.608 -.605 THRU 242.000 +.610 -.608 THRU 243.000 +.612 -.610 THRU 244.000 +.615 -.612 THRU 245.000 +.618 -.615 THRU 246.000 +.620 -.618 THRU 247.000 +.622 -.620 THRU 248.000 +.625 -.622 THRU 249.000 +.628 -.625 THRU 250.000 +.630 -.628 THRU 251.000 +.632 -.630 THRU 252.000 +.635 -.632 THRU 253.000 +.638 -.635 THRU 254.000 +.640 -.638 THRU 255.000 +.642 -.640 THRU 256.000 +.645 -.642 THRU 257.000 +.648 -.645 THRU 258.000 +.650 -.648 THRU 259.000 +.652 -.650 THRU 260.000 +.655 -.652 THRU 261.000 +.658 -.655 THRU 262.000 +.660 -.658 THRU 263.000 +.662 -.660 THRU 264.000 +.665 -.662 THRU 265.000 +.668 -.665 THRU 266.000 +.670 -.668 THRU 267.000 +.672 -.670 THRU 268.000 +.675 -.672 THRU 269.000 +.678 -.675 THRU 270.000 +.680 -.678 THRU 271.000 +.682 -.680 THRU 272.000 +.685 -.682 THRU 273.000 +.688 -.685 THRU 274.000 +.690 -.688 THRU 275.000 +.692 -.690 THRU 276.000 +.695 -.692 THRU 277.000 +.698 -.695 THRU 278.000 +.700 -.698 THRU 279.000 +.702 -.700 THRU 280.000 +.705 -.702 THRU 281.000 +.708 -.705 THRU 282.000 +.710 -.708 THRU 283.000 +.712 -.710 THRU 284.000 +.715 -.712 THRU 285.000 +.718 -.715 THRU 286.000 +.720 -.718 THRU 287.000 +.722 -.720 THRU 288.000 +.725 -.722 THRU 289.000 +.728 -.725 THRU 290.000 +.730 -.728 THRU 291.000 +.732 -.730 THRU 292.000 +.735 -.732 THRU 293.000 +.738 -.735 THRU 294.000 +.740 -.738 THRU 295.000 +.742 -.740 THRU 296.000 +.745 -.742 THRU 297.000 +.748 -.745 THRU 298.000 +.750 -.748 THRU 299.000 +.752 -.750 THRU 300.000 +.755 -.752 THRU 301.000 +.758 -.755 THRU 302.000 +.760 -.758 THRU 303.000 +.762 -.760 THRU 304.000 +.765 -.762 THRU 305.000 +.768 -.765 THRU 306.000 +.770 -.768 THRU 307.000 +.772 -.770 THRU 308.000 +.775 -.772 THRU 309.000 +.778 -.775 THRU 310.000 +.780 -.778 THRU 311.000 +.782 -.780 THRU 312.000 +.785 -.782 THRU 313.000 +.788 -.785 THRU 314.000 +.790 -.788 THRU 315.000 +.792 -.790 THRU 316.000 +.795 -.792 THRU 317.000 +.798 -.795 THRU 318.000 +.800 -.798 THRU 319.000 +.802 -.800 THRU 320.000 +.805 -.802 THRU 321.000 +.808 -.805 THRU 322.000 +.810 -.808 THRU 323.000 +.812 -.810 THRU 324.000 +.815 -.812 THRU 325.000 +.818 -.815 THRU 326.000 +.820 -.818 THRU 327.000 +.822 -.820 THRU 328.000 +.825 -.822 THRU 329.000 +.828 -.825 THRU 330.000 +.830 -.828 THRU 331.000 +.832 -.830 THRU 332.000 +.835 -.832 THRU 333.000 +.838 -.835 THRU 334.000 +.840 -.838 THRU 335.000 +.842 -.840 THRU 336.000 +.845 -.842 THRU 337.000 +.848 -.845 THRU 338.000 +.850 -.848 THRU 339.000 +.852 -.850 THRU 340.000 +.855 -.852 THRU 341.000 +.858 -.855 THRU 342.000 +.860 -.858 THRU 343.000 +.862 -.860 THRU 344.000 +.865 -.862 THRU 345.000 +.868 -.865 THRU 346.000 +.870 -.868 THRU 347.000 +.872 -.870 THRU 348.000 +.875 -.872 THRU 349.000 +.878 -.875 THRU 350.000 +.880 -.878 THRU 351.000 +.882 -.880 THRU 352.000 +.885 -.882 THRU 353.000 +.888 -.885 THRU 354.000 +.890 -.888 THRU 355.000 +.892 -.890 THRU 356.000 +.895 -.892 THRU 357.000 +.898 -.895 THRU 358.000 +.900 -.898 THRU 359.000 +.902 -.900 THRU 360.000 +.905 -.902 THRU 361.000 +.908 -.905 THRU 362.000 +.910 -.908 THRU 363.000 +.912 -.910 THRU 364.000 +.915 -.912 THRU 365.000 +.918 -.915 THRU 366.000 +.920 -.918 THRU 367.000 +.922 -.920 THRU 368.000 +.925 -.922 THRU 369.000 +.928 -.925 THRU 370.000 +.930 -.928 THRU 371.000 +.932 -.930 THRU 372.000 +.935 -.932 THRU 373.000 +.938 -.935 THRU 374.000 +.940 -.938 THRU 375.000 +.942 -.940 THRU 376.000 +.945 -.942 THRU 377.000 +.948 -.945 THRU 378.000 +.950 -.948 THRU 379.000 +.952 -.950 THRU 380.000 +.955 -.952 THRU 381.000 +.958 -.955 THRU 382.000 +.960 -.958 THRU 383.000 +.962 -.960 THRU 384.000 +.965 -.962 THRU 385.000 +.968 -.965 THRU 386.000 +.970 -.968 THRU 387.000 +.972 -.970 THRU 388.000 +.975 -.972 THRU 389.000 +.978 -.975 THRU 390.000 +.980 -.978 THRU 391.000 +.982 -.980 THRU 392.000 +.985 -.982 THRU 393.000 +.988 -.985 THRU 394.000 +.990 -.988 THRU 395.000 +.992 -.990 THRU 396.000 +.995 -.992 THRU 397.000 +.998 -.995 THRU 398.000 +.1000 -.998 THRU 399.000 +.1002 -.1000 THRU 400.000 +.1005 -.1002 THRU 401.000 +.1008 -.1005 THRU 402.000 +.1010 -.1008 THRU 403.000 +.1012 -.1010 THRU 404.000 +.1015 -.1012 THRU 405.000 +.1018 -.1015 THRU 406.000 +.1020 -.1018 THRU 407.000 +.1022 -.1020 THRU 408.000 +.1025 -.1022 THRU 409.000 +.1028 -.1025 THRU 410.000 +.1030 -.1028 THRU 411.000 +.1032 -.1030 THRU 412.000 +.1035 -.1032 THRU 413.000 +.1038 -.1035 THRU 414.000 +.1040 -.1038 THRU 415.000 +.1042 -.1040 THRU 416.000 +.1045 -.1042 THRU 417.000 +.1048 -.1045 THRU 418.000 +.1050 -.1048 THRU 419.000 +.1052 -.1050 THRU 420.000 +.1055 -.1052 THRU 421.000 +.1058 -.1055 THRU 422.000 +.1060 -.1058 THRU 423.000 +.1062 -.1060 THRU 424.000 +.1065 -.1062 THRU 425.000 +.1068 -.1065 THRU 426.000 +.1070 -.1068 THRU 427.000 +.1072 -.1070 THRU 428.000 +.1075 -.1072 THRU 429.000 +.1078 -.1075 THRU 430.000 +.1080 -.1078 THRU 431.000 +.1082 -.1080 THRU 432.000 +.1085 -.1082 THRU 433.000 +.1088 -.1085 THRU 434.000 +.1090 -.1088 THRU 435.000 +.1092 -.1090 THRU 436.000 +.1095 -.1092 THRU 437.000 +.1098 -.1095 THRU 438.000 +.1100 -.1098 THRU 439.000 +.1102 -.1100 THRU 440.000 +.1105 -.1102 THRU 441.000 +.1108 -.1105 THRU 442.000 +.1110 -.1108 THRU 443.000 +.1112 -.1110 THRU 444.000 +.1115 -.1112 THRU 445.000 +.1118 -.1115 THRU 446.000 +.1120 -.1118 THRU 447.000 +.1122 -.1120 THRU 448.000 +.1125 -.1122 THRU 449.000 +.1128 -.1125 THRU 450.000 +.1130 -.1128 THRU 451.000 +.1132 -.1130 THRU 452.000 +.1135 -.1132 THRU 453.000 +.1138 -.1135 THRU 454.000 +.1140 -.1138 THRU 455.000 +.1142 -.1140 THRU 456.000 +.1145 -.1142 THRU 457.000 +.1148 -.1145 THRU 458.000 +.1150 -.1148 THRU 459.000 +.1152 -.1150 THRU 460.000 +.1155 -.1152 THRU 461.000 +.1158 -.1155 THRU 462.000 +.1160 -.1158 THRU 463.000 +.1162 -.1160 THRU 464.000 +.1165 -.1162 THRU 465.	
--	--



* INPUT CHANNEL	0	1	2	3	4	5	6	7	10	11	12	13	14	15	16	17
I/O JACK	27	16	4	5	28	17	6	7	18	19	8	9	20	21	10	11

** CLD WILL BE A 2130 FOR SLOW INTERFACE OR A 2331 FOR FAST INTERFACE.

IDENT NO. 7032633-00

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION AND IS LOANED PURSUANT TO THE FOLLOWING INSTRUMENT:

UNLESS OTHERWISE SPECIFIED:	UNLESS OTHERWISE SPECIFIED:
DIMENSION IN INCHES TOLERANCE ON 3 PLACE DECIMALS: .001	DIMENSION IN INCHES TOLERANCE ON 3 PLACE DECIMALS: .001
HOLE DIAMETER TOLERANCE: .003	HOLE DIAMETER TOLERANCE: .003
THREAUS. EXCEPT 1/2, INT. CL. 2B	THREAUS. EXCEPT 1/2, INT. CL. 2B
MATERIAL:	MATERIAL:
FINISH:	FINISH:
APPLICATION:	APPLICATION:
COMMODITY CODE:	COMMODITY CODE:

LAYOUT	DATE
DRAFTSMAN	32965
CHECKER	9-15-65
ENGINEER	9-15-65
APPROVAL	9-15-65

CLASS	IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION
A	32965	FUNCTIONAL SCHEMATIC, EI MONITOR, EI INHIBIT REGISTERS AND EI ENABLES
CODE IDENT NO.	SIZE	DWG NO.
90536	D	7032633
SCALE	WEIGHT	SHEET
		OF 1

FIGURE 8-7

REVISIONS				
SYM	ZONE	FIR	DESCRIPTION	DATE

NOTE:
1. ALL CIRCUITS ON THIS DRAWING ARE FOR USE WITH MCP642 MEMORY UNIT.

FIGURE 8-8

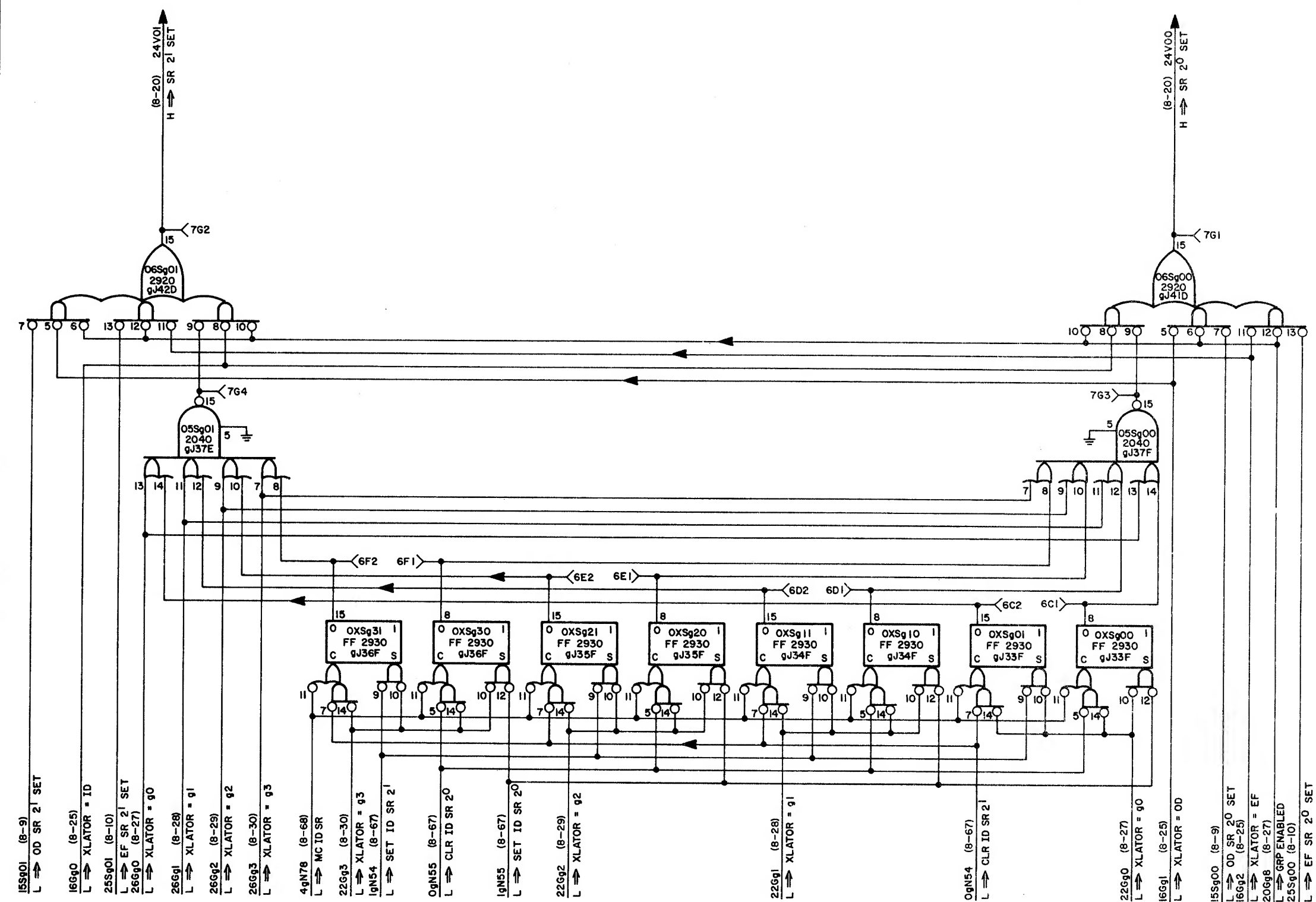
QTY REQD	FIND	REF DES	CODE IDENT	DWG SIZE	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION
LIST OF MATERIAL						
UNIVAC			DIVISION OF SPERRY RAND CORPORATION			
CLASS A			TITLE			
DRAFTSMAN W.C. MEGGERS			FUNCTIONAL SCHEMATIC, ID SPECIAL REGISTER			
CHECKER B. POPOV			DATE 3-11-5			
ENGINEER R. OULICKY			DATE 9-15-65			
APPROVAL			DATE 9-15-65			
CODE IDENT NO. 90536		SIZE D		DWG NO. 7032624		
SCALE		WEIGHT		SHEET OF		

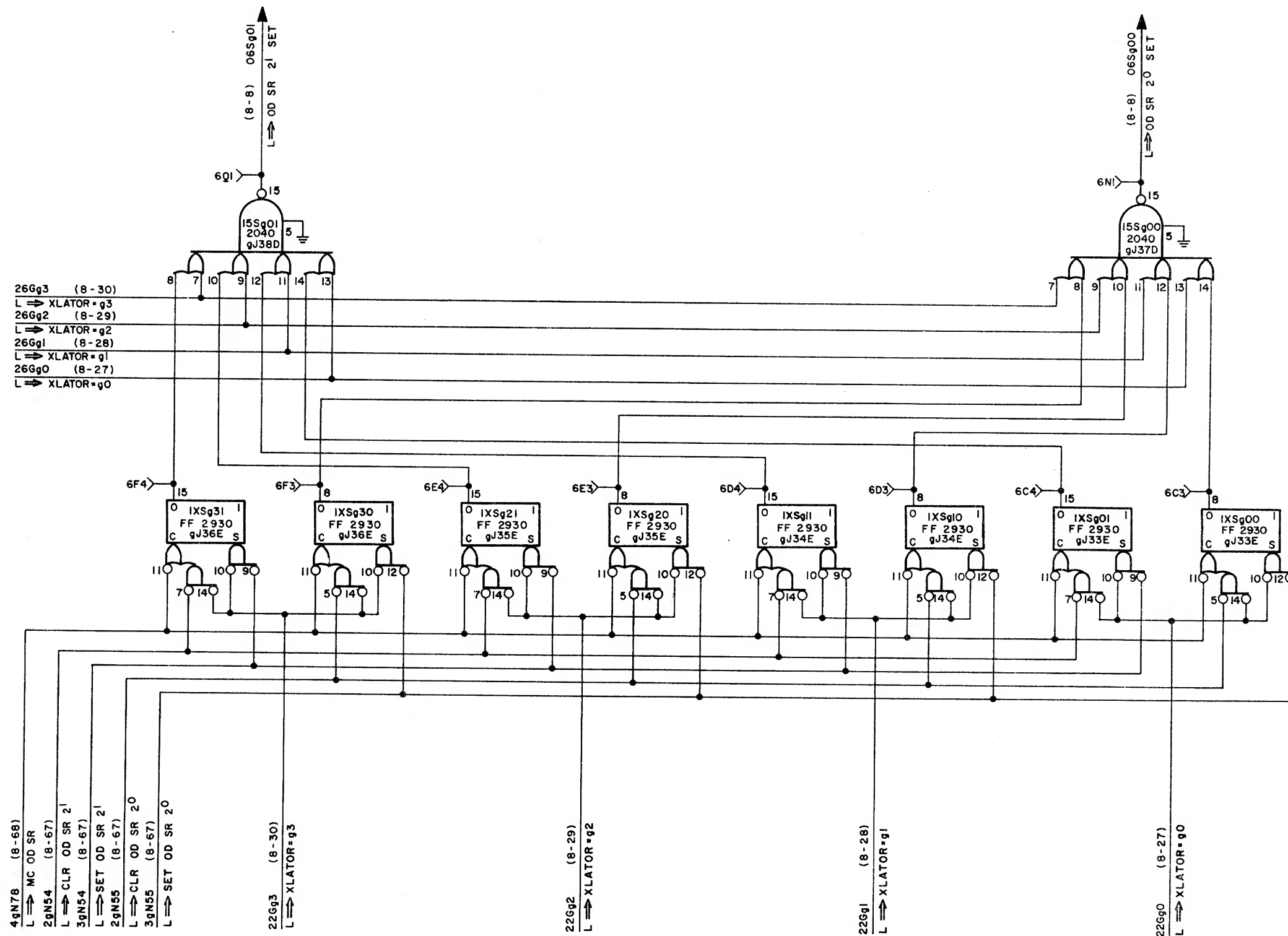
IDENT NO. 7032624-00

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION AND IS FURNISHED PURSUANT TO THE FOLLOWING INSTRUMENT

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UNLESS OTHERWISE SPECIFIED	
DIMENSION IN INCHES TOLERANCE ON	
PLACES	DECIMALS
1	0.005
2	0.002
3	0.001
HOLE DIAMETER TOLERANCE	
0 THRU 250	+0.005
251 THRU 500	+0.010
501 & LARGER	+0.015
THREADS EXCEPT 24, INT CL 2B	
MATERIAL	FINISH
NEXT ASSY	EQUIPMENT
APPLICATION	COMMODITY CODE





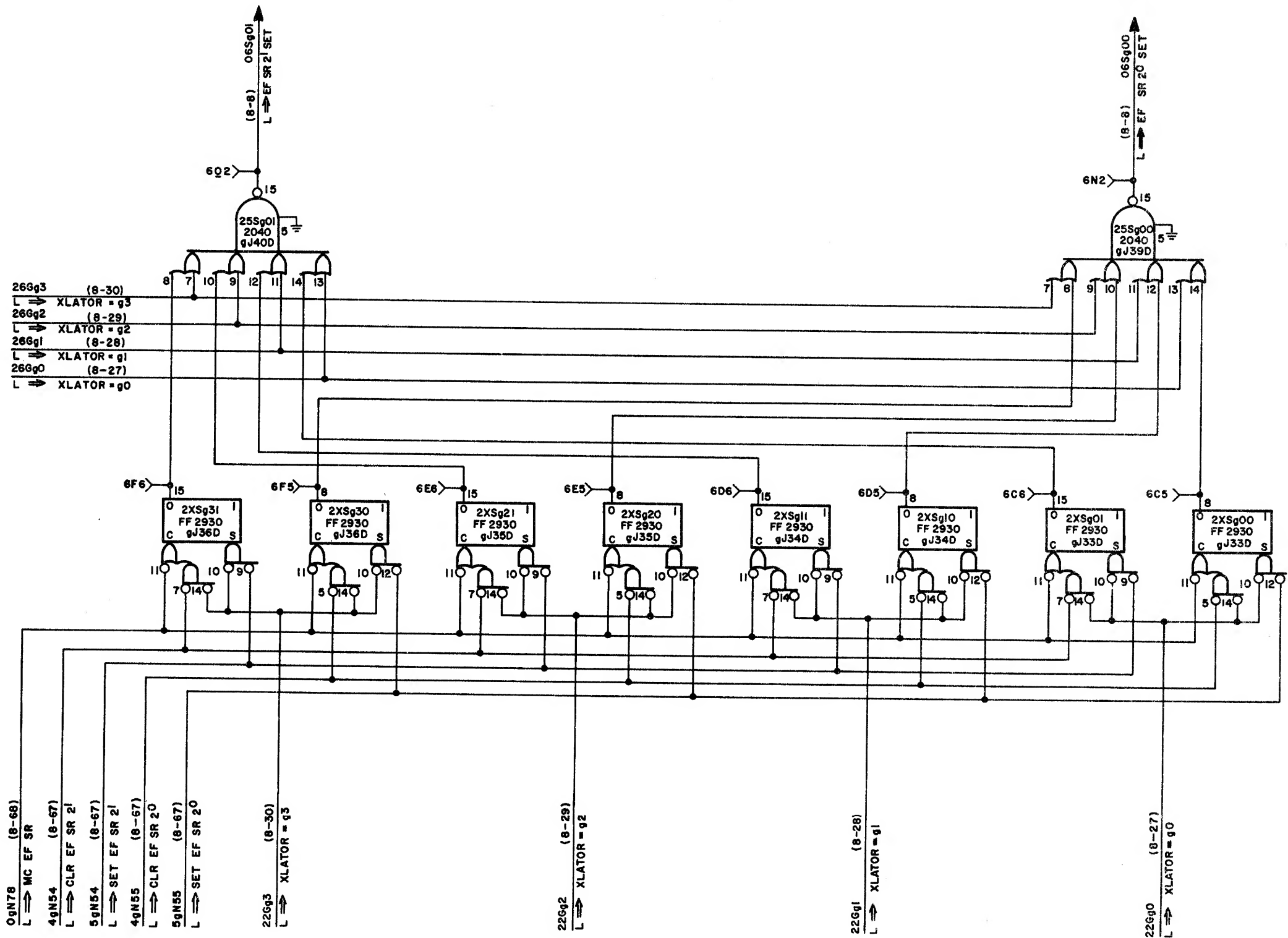
NOTE:
1. ALL CIRCUITS ON THIS DRAWING ARE FOR USE
WITH MCP642 MEMORY UNIT.

FIGURE 8-9

IDENT NO. 7032615-00

QTY REQD	FINV	REF DES	CODE IDENT	DWG SIZE	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION
LIST OF MATERIAL						
LAYOUT			DATE	CLASS	UNIVAC DIVISION OF SPERRY RAND CORPORATION	
DRAFTSMAN R. CALTON			2-24-65	A	TITLE FUNCTIONAL SCHEMATIC, OD SPECIAL REGISTER	
ENGINEER B. POPOV			9-15-65			
ENGINEER R. OULICKY			9-15-65			
APPROVAL <i>[Signature]</i>			9-15-65			
APPLICATION					CODE IDENT NO. 90536	SIZE D
					DWG NO. 7032615	
SCALE			WEIGHT	SHEET 1 OF 1		

REVISIONS				
NO.	DATE	DESCRIPTION	BY	APPROVED
1				



NOTE:
1. ALL CIRCUITS ON THIS DRAWING ARE FOR USE
WITH MCP642 MEMORY UNIT.

FIGURE 8-10

IDENT NO. 7032616-00

THIS DOCUMENT CONTAINS INFORMATION OF A CONFIDENTIAL NATURE. IT IS TO BE KEPT SECRET AND NOT DISCLOSED TO ANY OTHER PERSON OR ORGANIZATION WITHOUT THE WRITTEN AUTHORIZATION OF THE DIVISION OF SYSTEMS AND LOGISTICS.

QTY REQD		IND	REF DES	CODE IDENT	DWG SIZE	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION
LIST OF MATERIAL							
UNIVAC				DIVISION OF SYSTEMS AND LOGISTICS			
DRAFTSMAN		R. CALTON		DATE		2-25-65	
CHECKER		B. POPOV		DATE		9-15-65	
ENGINEER		R. OULICKY		DATE		9-15-65	
APPROVAL		[Signature]		DATE		1-15-66	
APPLICATION		EQUIPMENT		THROUGH		THROUGH	
SECURITY CODE							
CLASS		A		TITLE		FUNCTIONAL SCHEMATIC, EF SPECIAL REGISTER	
CODE IDENT NO.		90536		SIZE		D	
DWG NO.		7032616		SCALE		WEIGHT	
SHEET		OF					

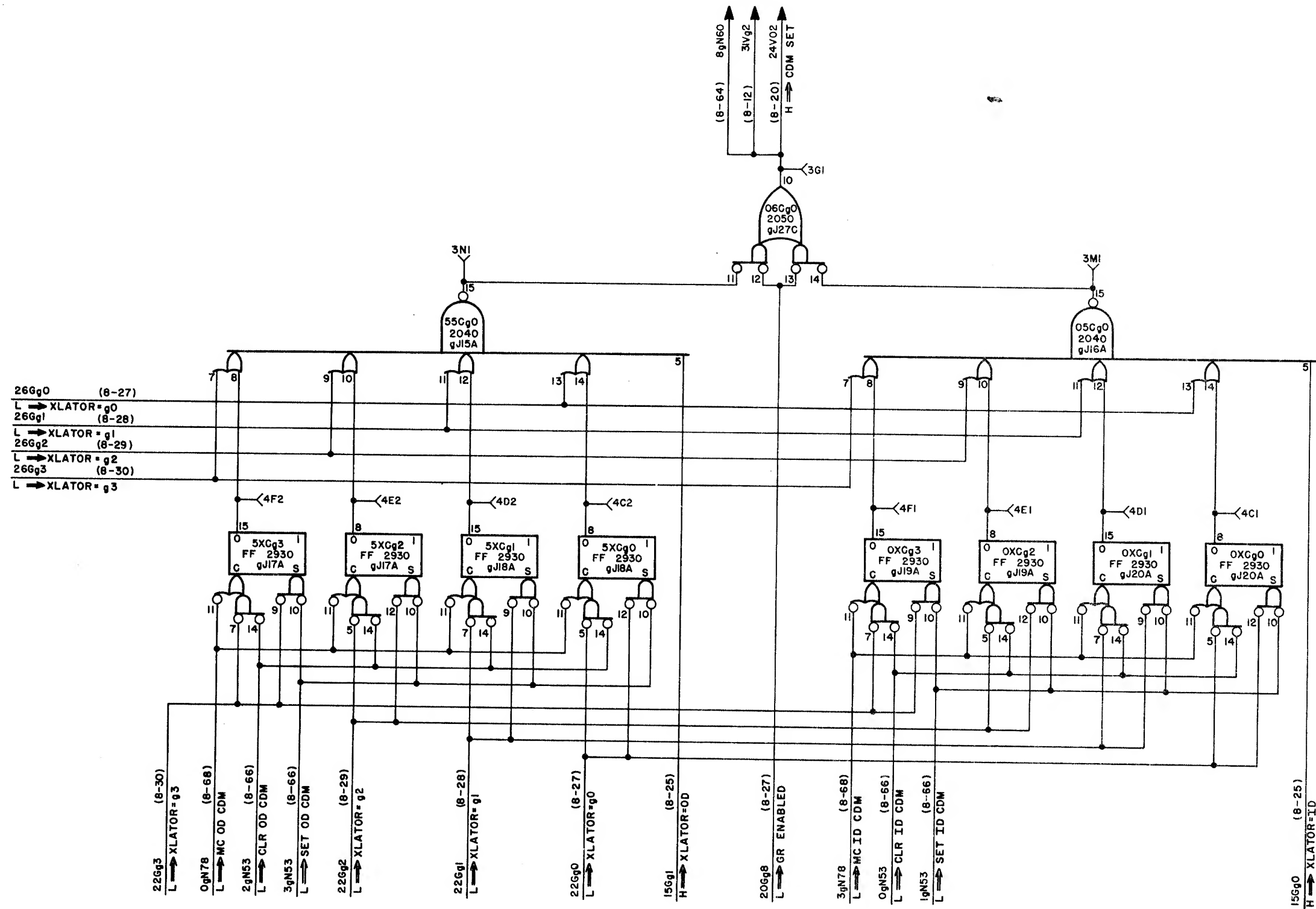


FIGURE 8-11

IDENT NO. 7032630-00

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OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION
WHICH IS FURNISHED PURSUANT TO THE FOLLOWING INSTRUCTIONS:
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MANNER EXCEPT FOR THE PURPOSES OF THAT INSTRUMENT
IN AN OTHER WISE PERMITTED BY THE UNIVAC
DIVISION OF SPERRY RAND CORPORATION.

UNLESS OTHERWISE SPECIFIED		DIMENSION IN INCHES TOLERANCE ON FRACTIONS DECIMALS ANGLES		LAYOUT		DATE		CLASS			
HOLE DIAMETER TOLERANCE		0 THRU .750 +.003 / -.005 .750 THRU 1.000 +.003 / -.005 1.000 THRU 1.500 +.003 / -.005 1.500 THRU 2.000 +.003 / -.005 2.000 THRU 3.000 +.003 / -.005 3.000 THRU 4.000 +.003 / -.005 4.000 THRU 5.000 +.003 / -.005 5.000 THRU 6.000 +.003 / -.005 6.000 THRU 7.000 +.003 / -.005 7.000 THRU 8.000 +.003 / -.005 8.000 THRU 9.000 +.003 / -.005 9.000 THRU 10.000 +.003 / -.005		THREADS EXCEPT 2A INT CL 2B		DRAFTSMAN ROLAN BITZER		3-15-65		A	
MATERIAL		FINISH		CHECKER B. POPOV		9-15-65		TITLE FUNCTIONAL SCHEMATIC, CDM			
APPLICATION		COMMODITY CODE		ENGINEER R. OULICKY		9-15-65		CODE IDENT NO. 90536			
NEXT ASSY		EQUIPMENT		APPROVAL [Signature]		9-15-65		SIZE D			
PART OR IDENTIFYING NO.		NOMENCLATURE OR DESCRIPTION		DWG NO.		7032630		SHEET 1 OF 1			

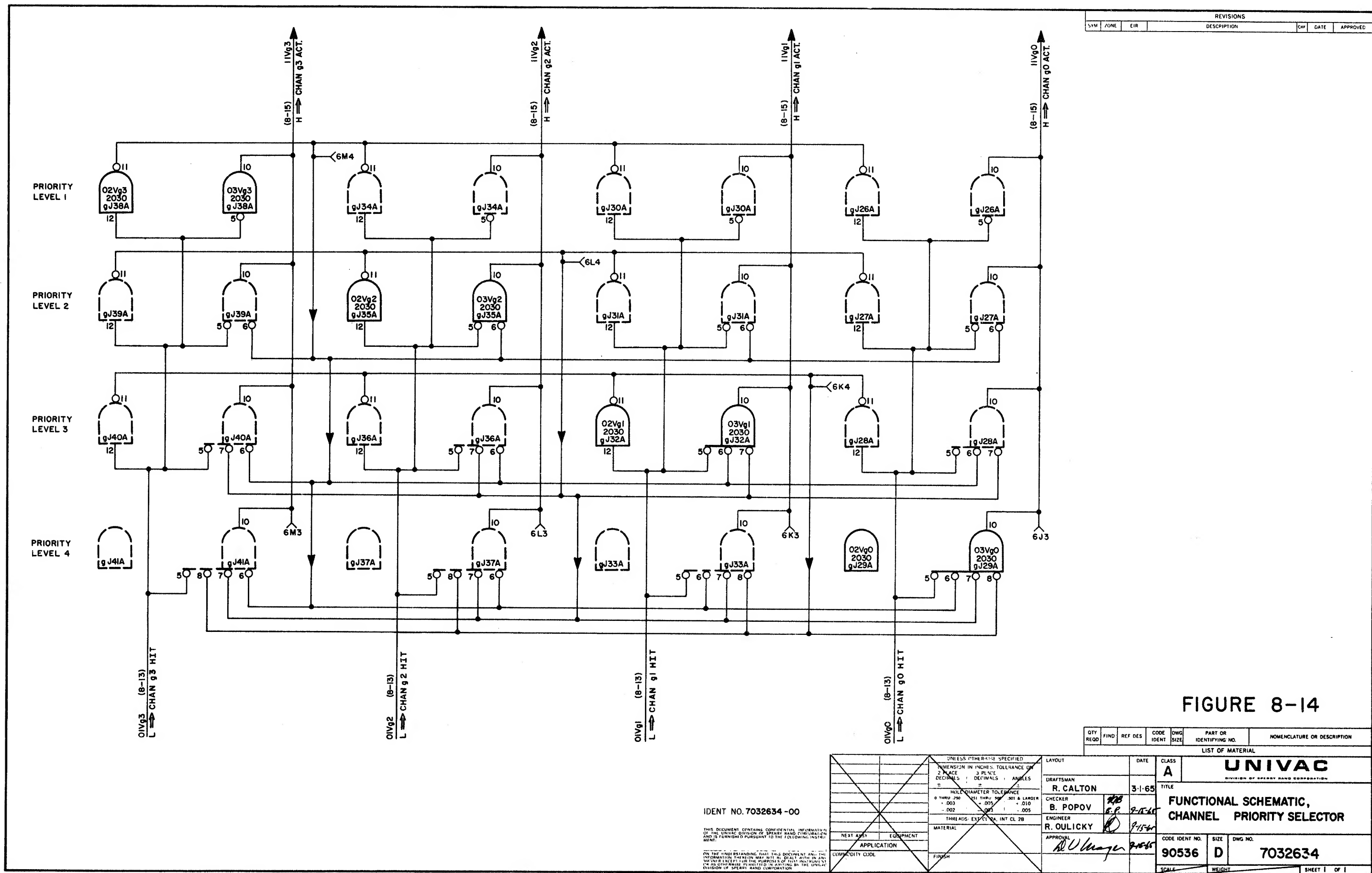
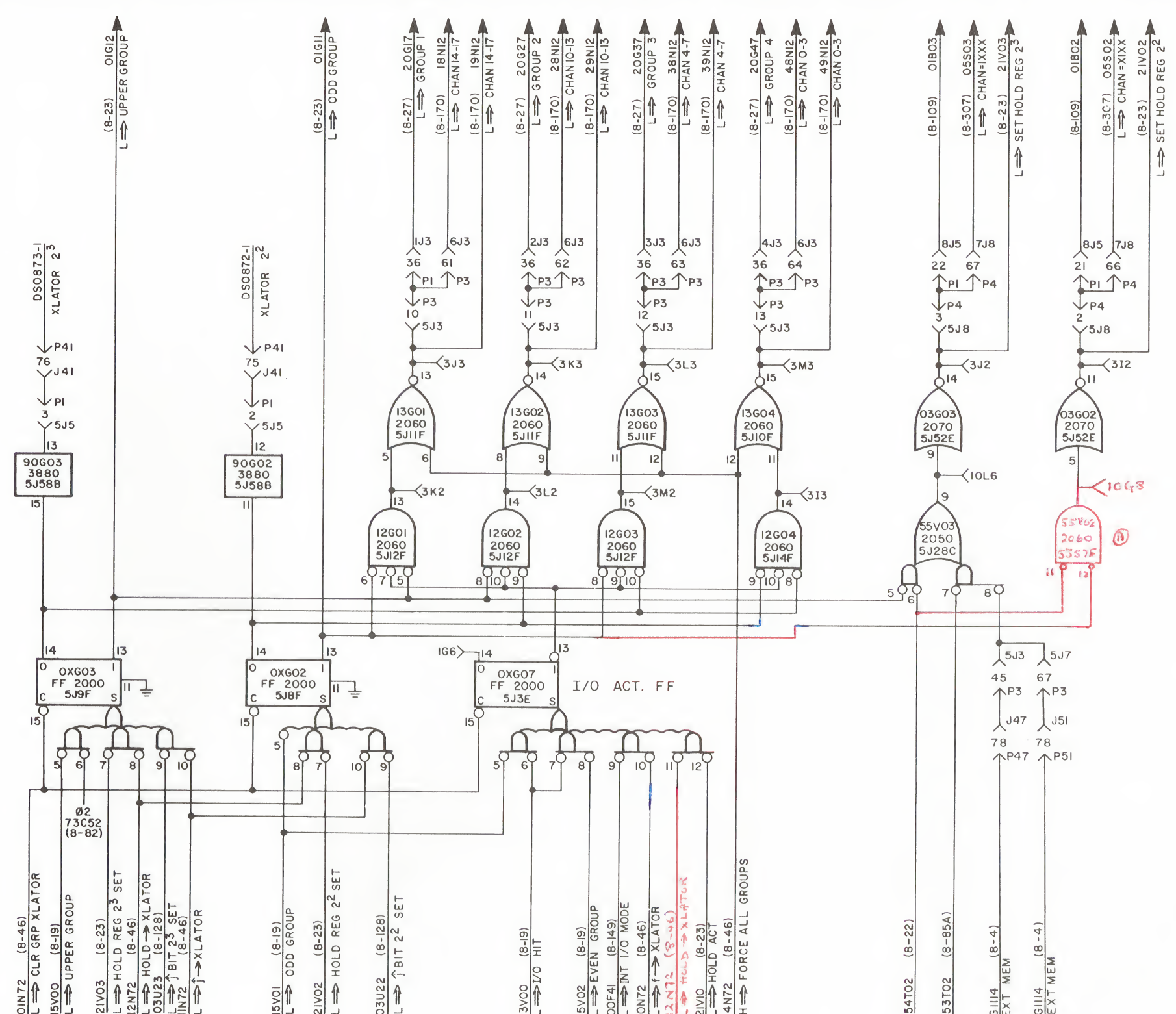


FIGURE 8-14

QTY	FIND	REF	DES	CODE	DWG	PART OR	NOMENCLATURE OR DESCRIPTION
REQD				IDENT	SIZE	IDENTIFYING NO.	
LIST OF MATERIAL							
UNLESS OTHERWISE SPECIFIED				LAYOUT			
DIMENSION IN INCHES. TOLERANCE ON 2 PLACE DECIMALS				DATE			
HOLE DIAMETER TOLERANCE				CLASS			
0 THRU .250				A			
.251 THRU .500				UNIVAC			
.501 & LARGER				DIVISION OF SPERRY RAND CORPORATION			
THREADS: EXCEPT DIA. INT CL 28				TITLE			
FINISH				FUNCTIONAL SCHEMATIC, CHANNEL PRIORITY SELECTOR			
COMMODITY CODE				CODE IDENT NO.			
APPLICATION				SIZE			
EQUIPMENT				DWG NO.			
NEXT ASSY				90536			
MATERIAL				D			
FINISH				7032634			
APPROVAL				SHEET 1 OF 1			
SIGNATURE							



REVISIONS			
NO.	DATE	DESCRIPTION	APPROVED
A	E13215	EMU CHANNEL PRIORITY CHANGE	
B	E13375	S PART 642B EMU INTERFACE MOD	

FIGURE 8-18

IDENT NO. 7075151-00

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UNLESS OTHERWISE SPECIFIED: DIMENSION IN INCHES: TOLERANCE ON 2 PLACE DECIMALS .005 3 PLACE DECIMALS .010 ANGLES .005 HOLE DIAMETER TOLERANCE 0 THRU .250 +.005 .251 THRU .500 +.010 .501 & LARGER +.010 THREADS: EXT. CL. 2A, INT. CL. 2B		LAYOUT DRAFTSMAN G. ERLANDSON CHECKER B. POPOV ENGINEER J. LAMBING APPROVAL [Signature]	DATE 12-10-66	CLASS A	TITLE FUNCTIONAL SCHEMATIC, GROUP PRI AND TRANS I	
MATERIAL FINISH		CODE IDENT NO. 90536		SIZE D	DWG NO. 7075151	
COMMODITY CODE		SCALE		WEIGHT		SHEET 1 OF 1

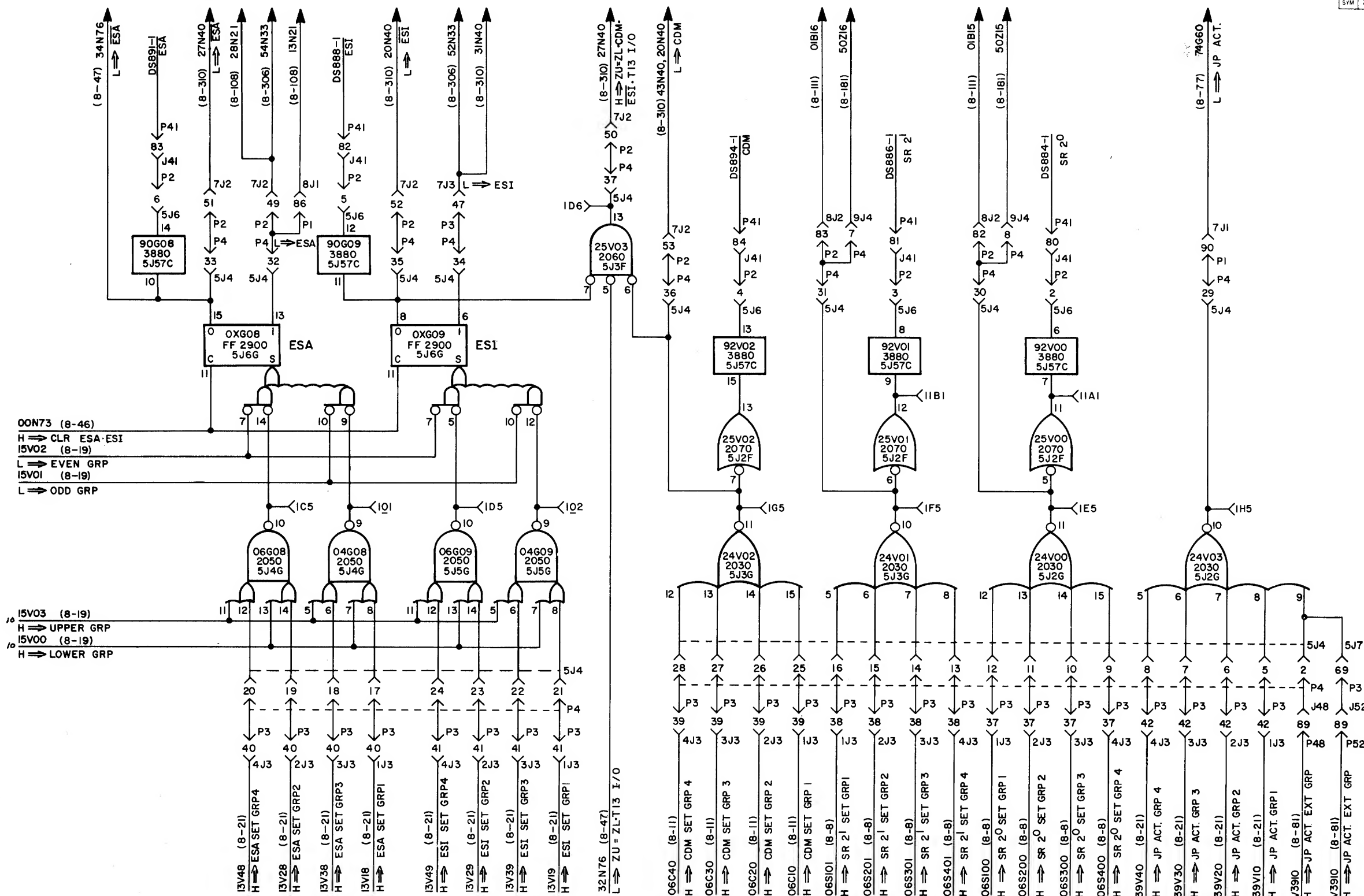


FIGURE 8-20

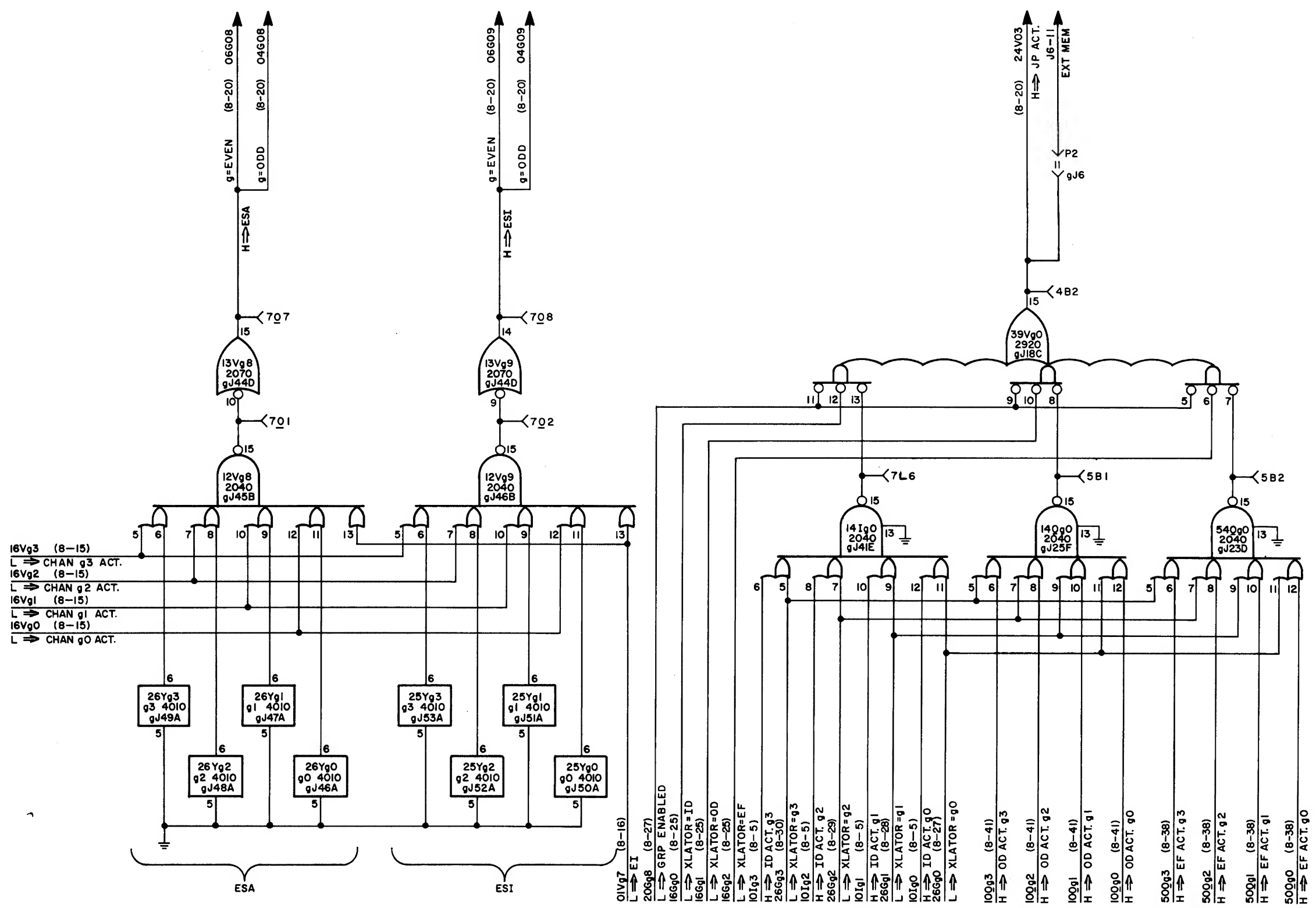
IDENT NO. 7032651-00

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UNLESS OTHERWISE SPECIFIED		LAYOUT		DATE	CLASS	UNIVAC	
DIMENSION IN INCHES. TOLERANCE ON:		DRAFTSMAN		12-10-66	A	DIVISION OF SPERRY RAND CORPORATION	
2 PLACE DECIMALS	3 PLACE DECIMALS	G. ERLANDSON					
HOLE DIAMETER TOLERANCE		CHECKER		TITLE			
0 THRU .250 ± .003		B. POPOV		FUNCTIONAL SCHEMATIC, CDM, ESI, ESA & SR SELECTOR			
.251 THRU .500 ± .005		ENGINEER		CODE IDENT NO.			
.501 & LARGER ± .010		J. LAMBING		SIZE			
THREADS: EXT. CL. 1A, INT. CL. 2B		APPROVAL		DWG NO.			
MATERIAL		3-31-67		90536			
FINISH		3-31-67		D			
NEXT ASSY		3-31-67		7075153			
EQUIPMENT		3-31-67		SCALE			
APPLICATION		3-31-67		WEIGHT			
COMMODITY CODE		3-31-67		SHEET 1 OF 1			

REVISIONS				
SYM	ZONE	EIR	DESCRIPTION	DATE



NOTE:
1. REFER TO CHASSIS MAP DWG 7032880 FOR PROPER PLACEMENT OF THE 4010 JUMPER CARDS TO SELECT CHANNELS FOR ESI OR ESA OPERATION.

FIGURE 8-21

IDENT NO 7075154-00

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UNLESS OTHERWISE SPECIFIED		LAYOUT		DATE		CLASS	
DIMENSION IN INCHES. TOLERANCE ON 2 PLACE DECIMALS		DRAFTSMAN		12-9-66		A	
HOLE DIAMETER TOLERANCE		E. BICKETT					
0 THRU .250 +.003		CHECKER		3-31-67			
.251 THRU .500 +.005		B. POPOV					
.501 THRU 1.000 +.010		ENGINEER		3-31-67			
1.001 & LARGER +.015		J. LAMBING					
THREADS: EXT. CL. 2A, INT. CL. 2B		APPROVAL		3-31-67			
MATERIAL		FINISH					
NEXT ASSY		EQUIPMENT					
APPLICATION							
COMMODITY CODE							
LIST OF MATERIAL				UNIVAC			
				DIVISION OF SPERRY RAND CORPORATION			
				TITLE			
				FUNCTIONAL SCHEMATIC, ESA, ESI & JUMP ACTIVE LOGIC			
QTY REQD		FIND		REF DES		CODE IDENT	
90536		D		7075154			
SCALE		WEIGHT		SHEET		OF 1	

REVISIONS				
SYM	ZONE	EIR	DESCRIPTION	DATE
A	E13215	EMU CHANNEL PRIORITY CHANGE.		

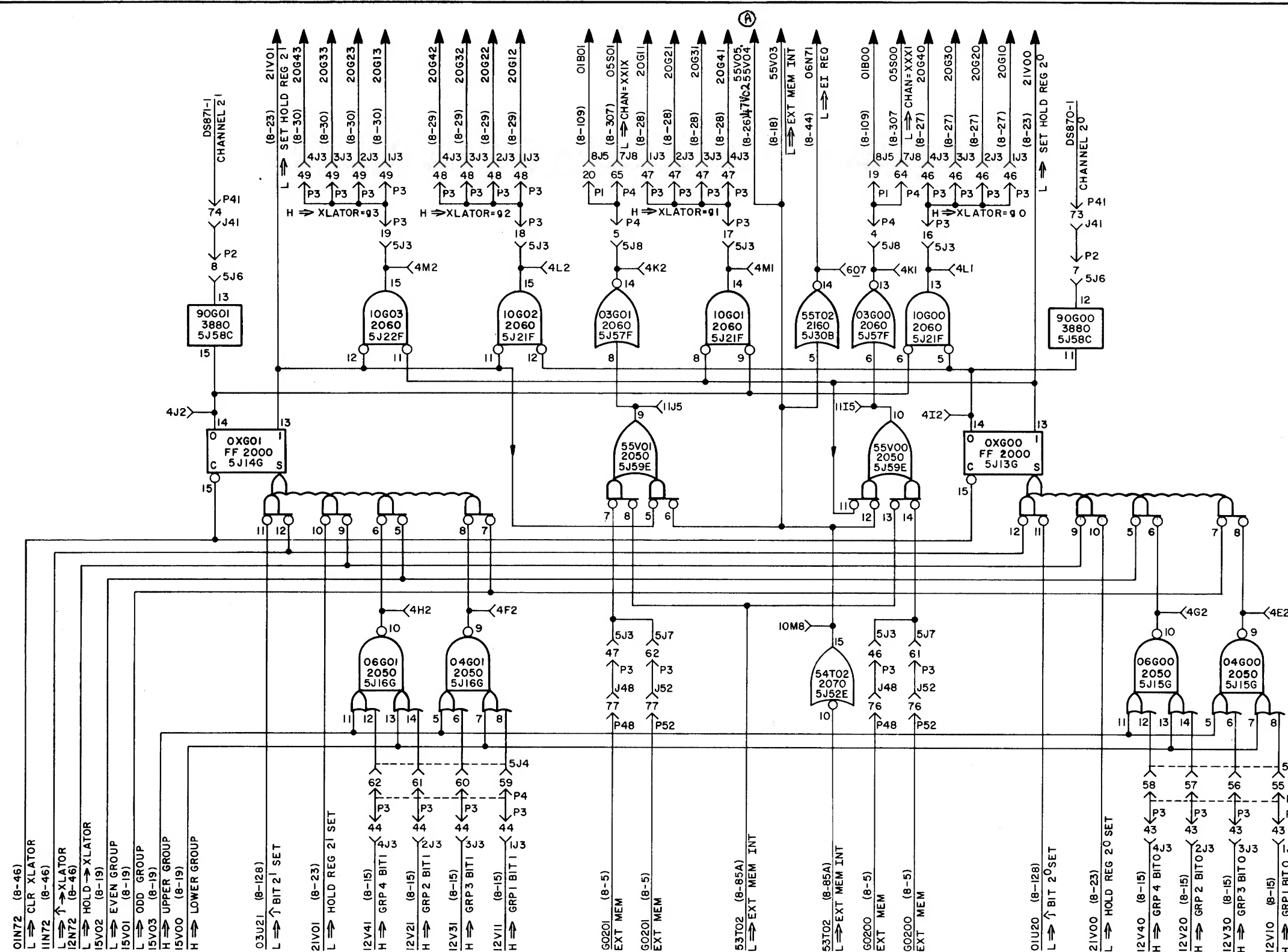
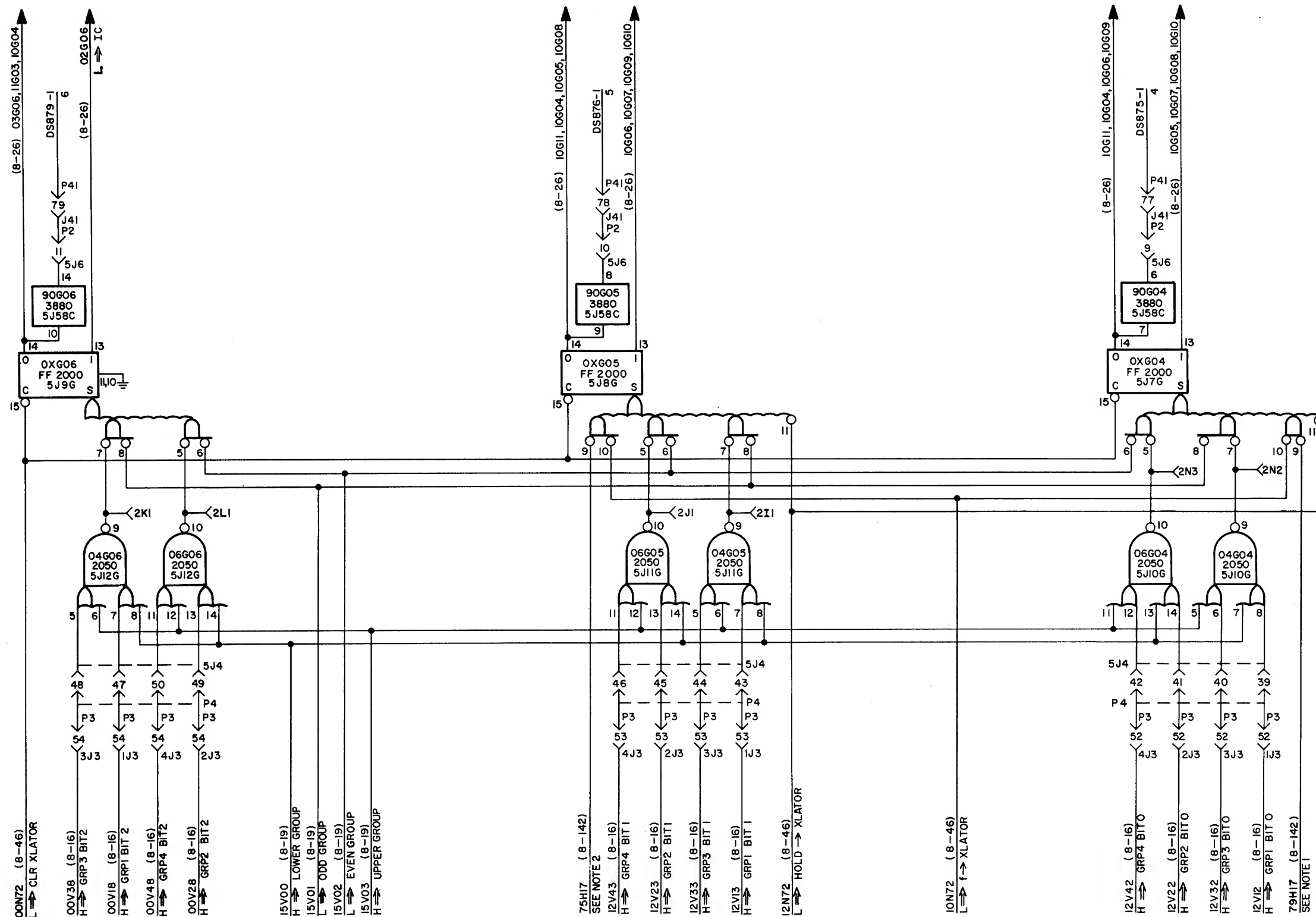


FIGURE 8-22

IDENT NO. 7075155

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE UNITED STATES OF AMERICA. IT IS LOANED TO YOU BY THE NATIONAL BUREAU OF STANDARDS AND IS TO BE RETURNED TO THE NATIONAL BUREAU OF STANDARDS WHEN NO LONGER NEEDED. IT IS NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT PERMISSION IN WRITING FROM THE NATIONAL BUREAU OF STANDARDS.

UNLESS OTHERWISE SPECIFIED		LAYOUT		DATE		CLASS	
DIMENSION IN INCHES TOLERANCE OR		DRAFTSMAN		12-12-66		A	
2 PLACE DECIMALS		G. ERLANDSON					
3 PLACE DECIMALS		CHECKER					
ANGLES		B. POPOV					
HOLE DIAMETER TOLERANCE		ENGINEER					
0 THRU .250		J. LAMBING					
.251 THRU .500							
.501 & LARGER							
+ .003							
- .002							
THREADS: EXT. CL. INT. CL. 2B							
MATERIAL							
FINISH							
APPLICATION							
COMMODITY CODE							
NEXT ASST							
EQUIPMENT							
LIST OF MATERIAL							
QTY REQD							
FIND							
REF DES							
CODE IDENT							
DWG SIZE							
PART OR IDENTIFYING NO.							
NOMENCLATURE OR DESCRIPTION							
UNIVAC							
DIVISION OF SPERRY RAND CORPORATION							
TITLE							
FUNCTIONAL SCHEMATIC, CHANNEL TRANSLATOR I							
CODE IDENT NO.							
SIZE							
DWG NO.							
90536							
D							
7075155							
SCALE							
WEIGHT							
SHEET							
OF							



- NOTE:
1. L \Rightarrow f=17K3, 60(j0,1), 66(K2,3), 63, 66K1b0, 67K0, (74, 76)K # 2, 7762, 7765, 7767, 7772
 2. L \Rightarrow f=13, 17(K0, 1, 3), 60(j0, 1), 66(K2, 3), 66K1b0, 67K1, (74, 76)K=2, 7763, 7773

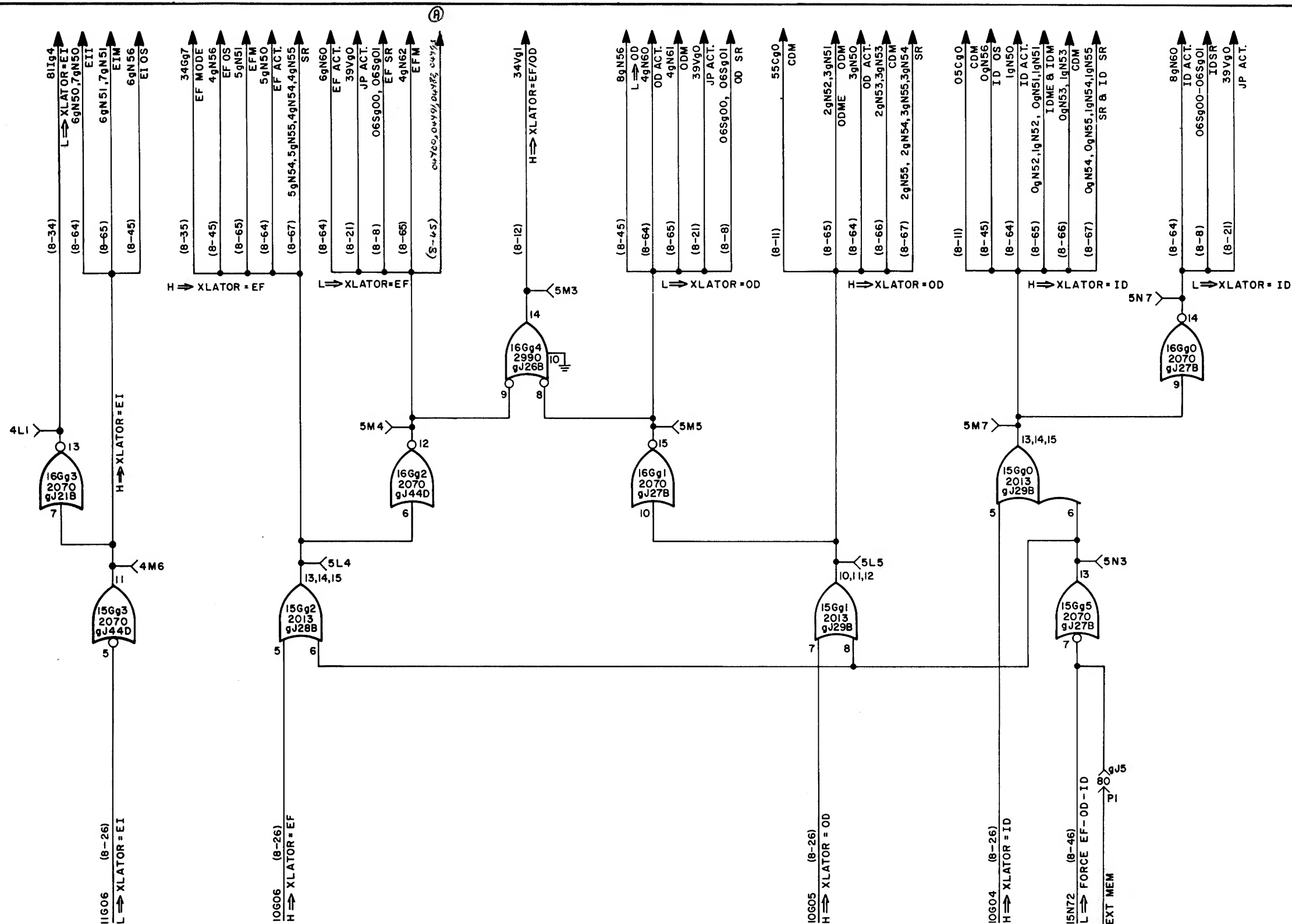
FIGURE 8-24

IDENT NO. 7075156-00

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UNLESS OTHERWISE SPECIFIED:		LAYOUT		DATE		CLASS	
DIMENSION IN INCHES TOLERANCE ON:		DRAFTSMAN		2-9-66		A	
2 PLACE DECIMALS		E. BICKETT		3-31-67		UNIVAC	
3 PLACE DECIMALS		CHECKER		3-31-67		DIVISION OF SPERRY RAND CORPORATION	
ANGLES		B. POPOV		3-31-67		TITLE	
HOLE DIAMETER TOLERANCE		ENGINEER		3-31-67		FUNCTIONAL SCHEMATIC, FUNCTION TRANSLATOR	
0 THRU .250		J. LAMBING		3-31-67		CODE IDENT NO.	
.251 THRU .500		APPROVAL		3-31-67		SIZE	
.501 & LARGER						DWG NO.	
+ .003						90536	
+ .005						D	
+ .010						7075156	
- .002						SCALE	
- .005						WEIGHT	
- .010						SHEET 1 OF 1	
THREADS: EXCEPT CL 2B, INT CL 2B							
MATERIAL							
FINISH							
NEXT ASSY							
EQUIPMENT							
APPLICATION							
COMMODITY CODE							



REVISIONS				
SYM	ZONE	EIR	DESCRIPTION	DATE
A	4088		INTERCOMPUTER TERMINATION	

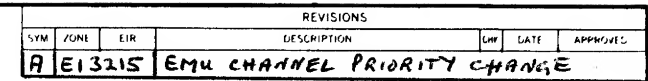
FIGURE 8-25

IDENT NO. 7075157-00

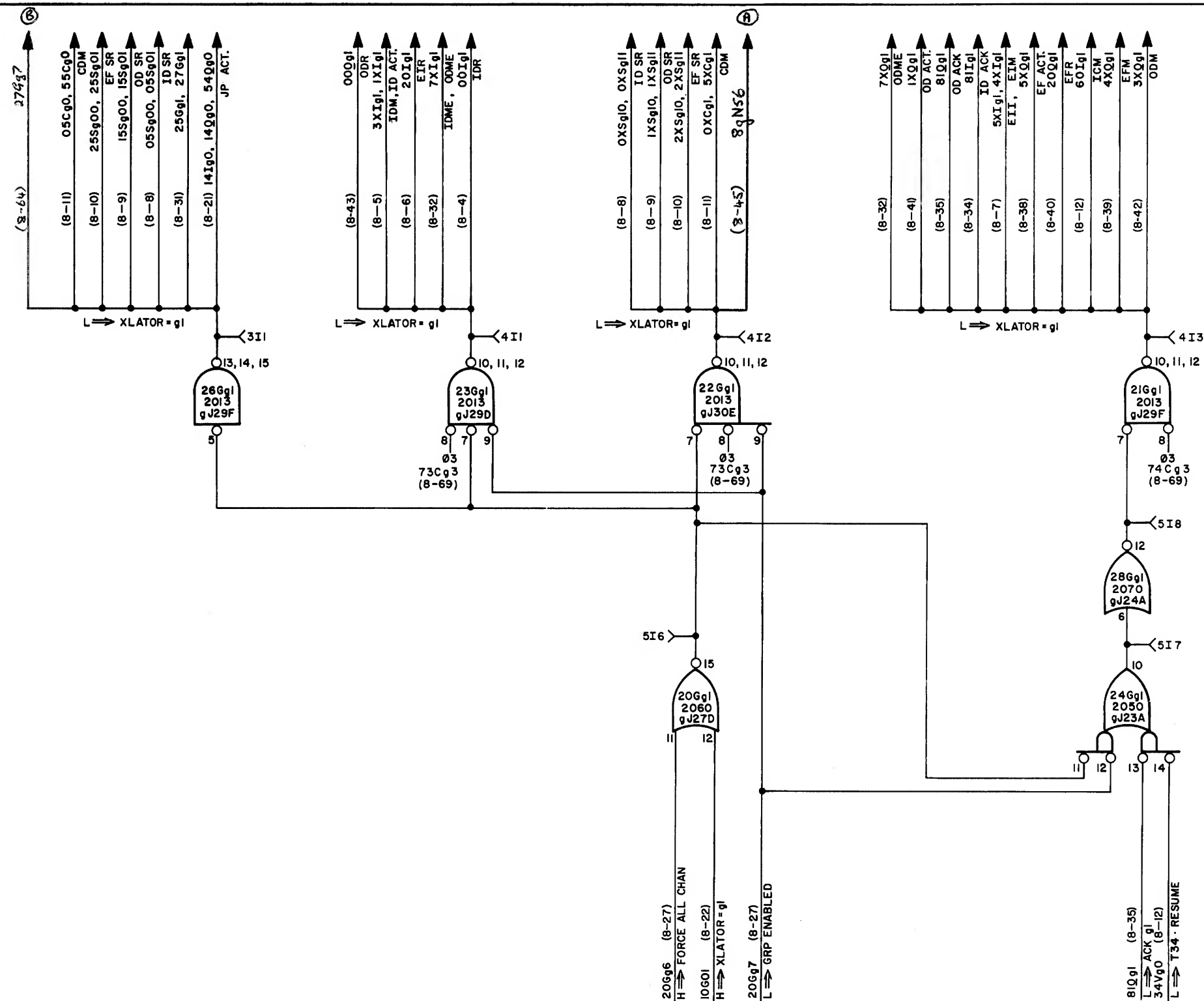
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UNLESS OTHERWISE SPECIFIED		LAYOUT		DATE		CLASS	
DIMENSION IN INCHES. TOLERANCE ON 2 PLACE DECIMALS 3 PLACE DECIMALS ANGLES		DRAFTSMAN G. THOMPSON		1-13-67		A	
HOLD DIAMETER TOLERANCE 0 THRU .250 .251 THRU .500 .501 & LARGER .003 .005 .010 .005 .005		CHECKER B. POPOV		3-31-67		TITLE	
THREADS: EXT. CL. 2A, INT. CL. 2B		ENGINEER J. LAMBING		3-31-67		FUNCTIONAL SCHEMATIC, FUNCTION TRANSLATOR OUTPUTS I	
MATERIAL		APPROVED		3-31-67		CODE IDENT NO. 90536	
FINISH						SIZE D	
COMMODITY CODE						DWG NO. 7075157	
						SCALE WEIGHT SHEET 1 OF 1	



QTY REQD	FIND	REF DES	CODE IDENT	DWG SIZE	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION
LIST OF MATERIAL						
PERSON		DATE	CLASS A	UNIVAC <small>DIVISION OF SPERRY RAND CORPORATION</small>		
		129 66	TITLE	FUNCTIONAL SCHEMATIC, FUNCTION TRANSLATOR OUTPUTS 2		
OV		MWO 8 P.	3-31-67	CODE IDENT NO. 90536	SIZE D	DWG NO. 7075158
		<i>[Signature]</i>	3-31-67			
<i>[Signature]</i>			3-31-67	SCALE _____ WEIGHT _____ SHEET ____ OF ____		



REVISIONS				
SYM	ZONE	EIR	DESCRIPTION	CHK DATE APPROVED
A	E12781		OD 1-SHOT CLR ON IC CHAN ATEF	
B	4088		INTERCOMPUTER TERMINATION.	

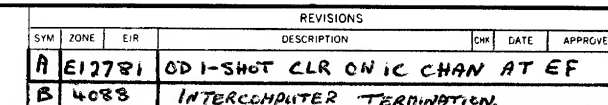
FIGURE 8-28

IDENT NO. 7032646-00

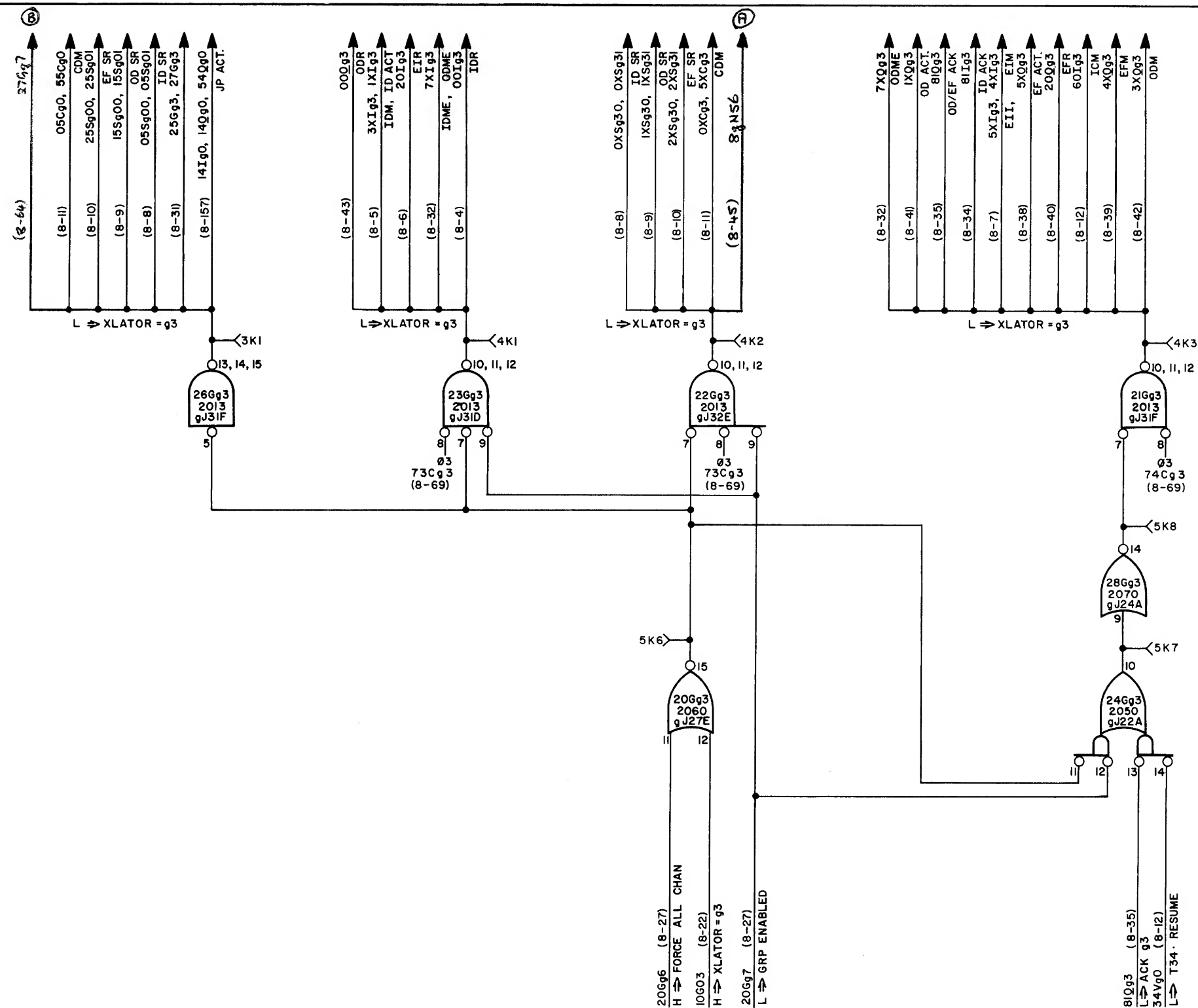
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UNLESS OTHERWISE SPECIFIED		LAYOUT		DATE	CLASS	UNIVAC	
DIMENSION IN INCHES. TOLERANCE ON 2 PLACE DECIMALS 3 PLACE DECIMALS ANGLES		DRAFTSMAN		3-5-65	A	DIVISION OF SPERRY RAND CORPORATION	
HOLE DIAMETER TOLERANCE 0 THRU .250 .001 THRU .500 .001 & LARGER .003 .005 .010		CHECKER		9-15-65		TITLE	
THREADS EXCEPT DIA. INT CL 2B		ENGINEER		9-15-65		FUNCTIONAL SCHEMATIC, TRANSLATOR CHANNEL 1 ENABLES	
MATERIAL		APPROVAL		9-15-65		CODE IDENT NO.	SIZE DWG NO.
FINISH						90536	D 7032646
COMMODITY CODE						SCALE	WEIGHT SHEET 1 OF 1



QTY REQD	FIND	REF DES	CODE IDENT	DWG SIZE	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION
LIST OF MATERIAL						
		DATE	CLASS A	UNIVAC <small>DIVISION OF SPERRY RAND CORPORATION</small>		
BUTTZER		3-8-65	TITLE	FUNCTIONAL SCHEMATIC, TRANSLATOR CHANNEL 2 ENABLES		
POV		10/8 B.P. 9-15-65				
LUCKY		10/8 9-15-65				
Wagner		9-15-65	CODE IDENT NO.	SIZE	DWG NO.	
			90536	D		7032647
SCALE			WEIGHT		SHEET 1 OF 1	



REVISIONS				
REV	DATE	DESCRIPTION	BY	APP'D
A	12781	OD 1-SHOT CLR ON IC CHAN A TEF		
B	4088	INTERCOMPUTER TERMINATION		

FIGURE 8-30

IDENT NO. 7032648-00

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UNLESS OTHERWISE SPECIFIED		LAYOUT		DATE		CLASS	
DIMENSIONS IN INCHES - TOLERANCE UNLESS OTHERWISE SPECIFIED		DRAFTSMAN		3-8-65		A	
FRACTIONS - DECIMALS - ANGLES		ROLAN BITZER				UNIVAC	
HOLE DIAMETER TOLERANCE		CHECKER		9/15/65		TITLE	
0.000 - 0.005 - 0.010 - 0.015 - 0.020 - 0.030 - 0.040 - 0.050 - 0.060 - 0.070 - 0.080 - 0.090 - 0.100 - 0.125 - 0.150 - 0.1875 - 0.250 - 0.3125 - 0.375 - 0.500 - 0.625 - 0.750 - 0.875 - 1.000 - 1.250 - 1.500 - 1.750 - 2.000 - 2.500 - 3.000 - 3.500 - 4.000 - 4.500 - 5.000 - 5.500 - 6.000 - 6.500 - 7.000 - 7.500 - 8.000 - 8.500 - 9.000 - 9.500 - 10.000		B. POPOV				FUNCTIONAL SCHEMATIC, TRANSLATOR CHANNEL 3 ENABLES	
TOLERANCES EXCEPT AS NOTED		ENGINEER		9/15/65		CODE IDENT NO. SIZE DWG NO.	
MATERIAL		R. OULICKY				90536 D 7032648	
FINISH		APPROVAL		9/15/65		SCALE WEIGHT SHEET 1 OF 1	

REVISIONS				
SYM	ZONE	EIR	DESCRIPTION	CHK DATE APPROVED

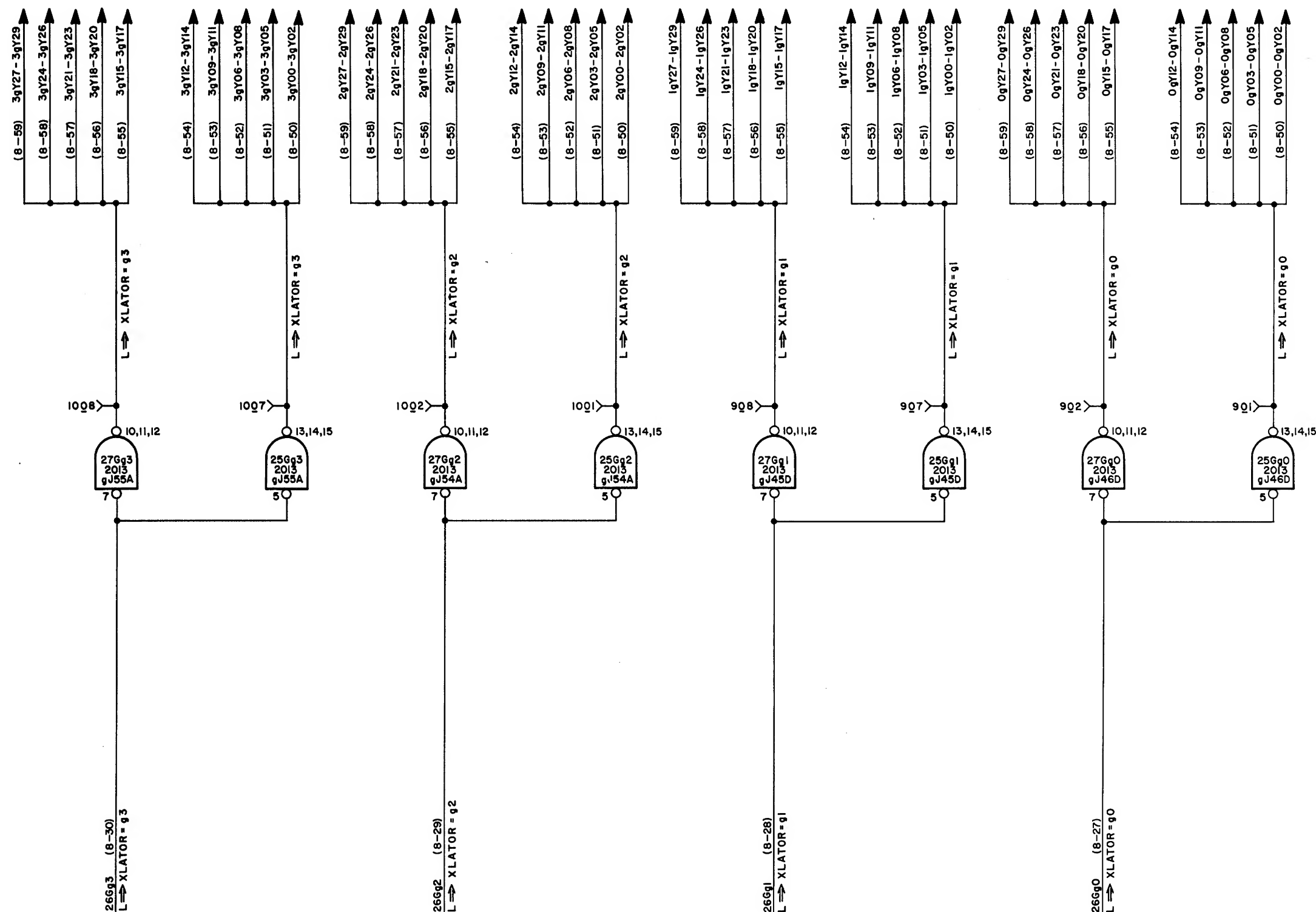


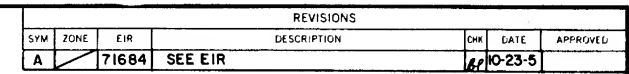
FIGURE 8-31

IDENT NO. 7032641-00

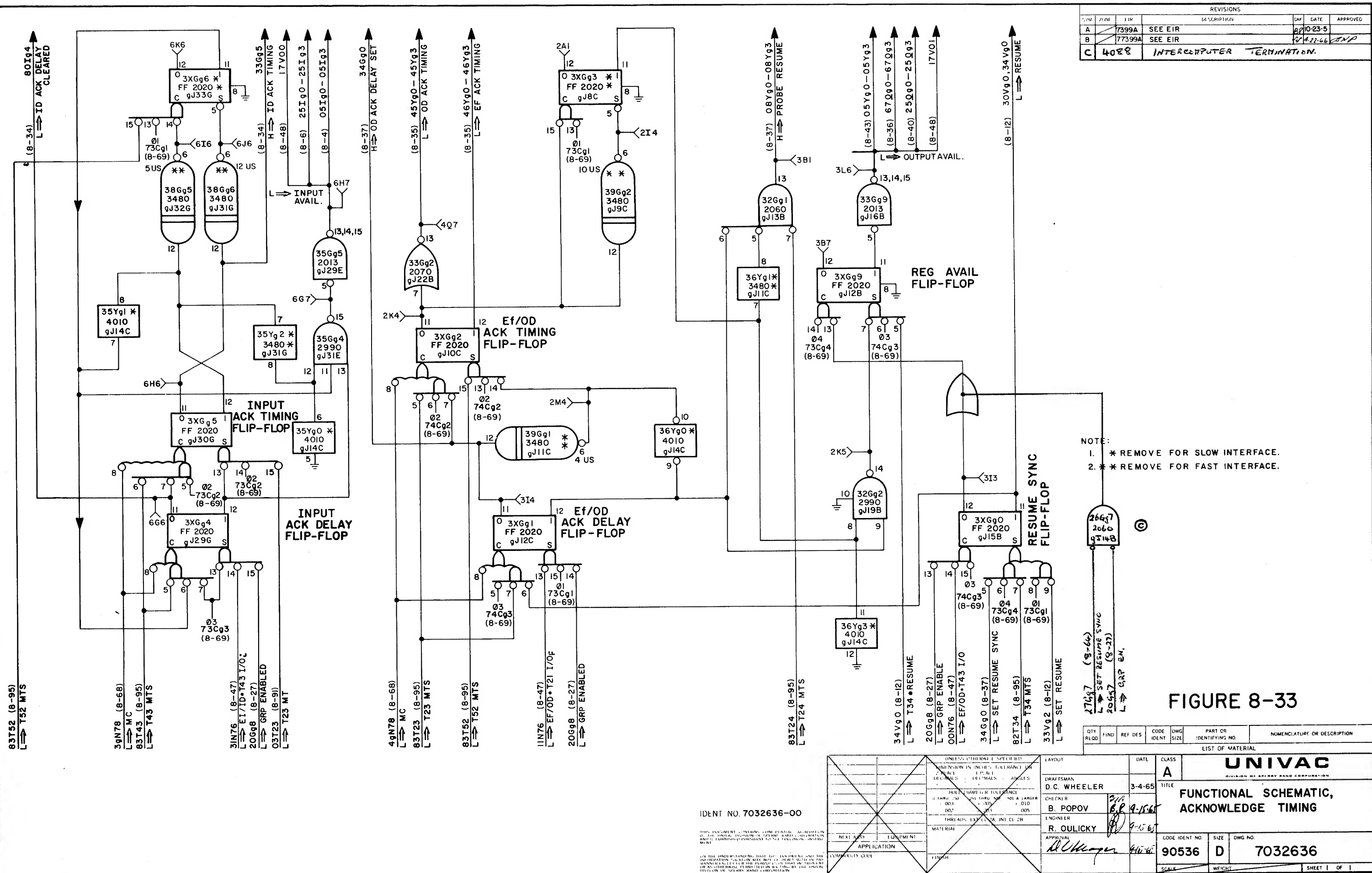
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DIVISION OF SPERRY RAND CORPORATION

UNLESS OTHERWISE SPECIFIED		LAYOUT		DATE		CLASS	
DIMENSION IN INCHES TOLERANCE ON		DRAFTSMAN		3-9-65		A	
2 PLACE DECIMALS 1/16		W.C. MEGGERS					
3 PLACE DECIMALS 1/32		CHECKER		9-15-65			
HOLE DIAMETER TOLERANCE		B. POPOV					
0 THRU .250 .003		ENGINEER		9-15-65			
.251 & LARGER .010		R. OULICKY					
THREADS EXCEPT DIA. INT CL 2B		APPROVAL		9-15-65			
MATERIAL		FINISH					
NEXT ASSY		EQUIPMENT					
APPLICATION							
COMMODITY CODE							
LIST OF MATERIAL				TITLE			
QTY REQD				FUNCTIONAL SCHEMATIC			
FIND				TRANSLATOR GROUP			
REF DES				ENABLES			
CODE IDENT				90536			
DWG SIZE				D			
PART OR IDENTIFYING NO.				7032641			
NOMENCLATURE OR DESCRIPTION							
SCALE				SHEET OF			



QTY REQD	FIND	REF DES	CODE IDENT	SIZE	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION
LIST OF MATERIAL						
N R.CALTON		DATE	CLASS A	UNIVAC <small>DIVISION OF SPERRY RAND CORPORATION</small>		
		3-2-65	TITLE	FUNCTIONAL SCHEMATIC, IN/OUT MON ENABLE REGISTERS		
CV		700 R.P. 9-15-65				
CKY		9-15-65				
Hogan		9-15-65				
CODE IDENT NO.			SIZE	DWG NO.		
90536			D	7032622		
SCALE			WEIGHT		SHEET 1 of 1	



REVISIONS				
SYM	ZONE	EIR	DESCRIPTION	DATE
A		71684	SEE EIR	8-20-65

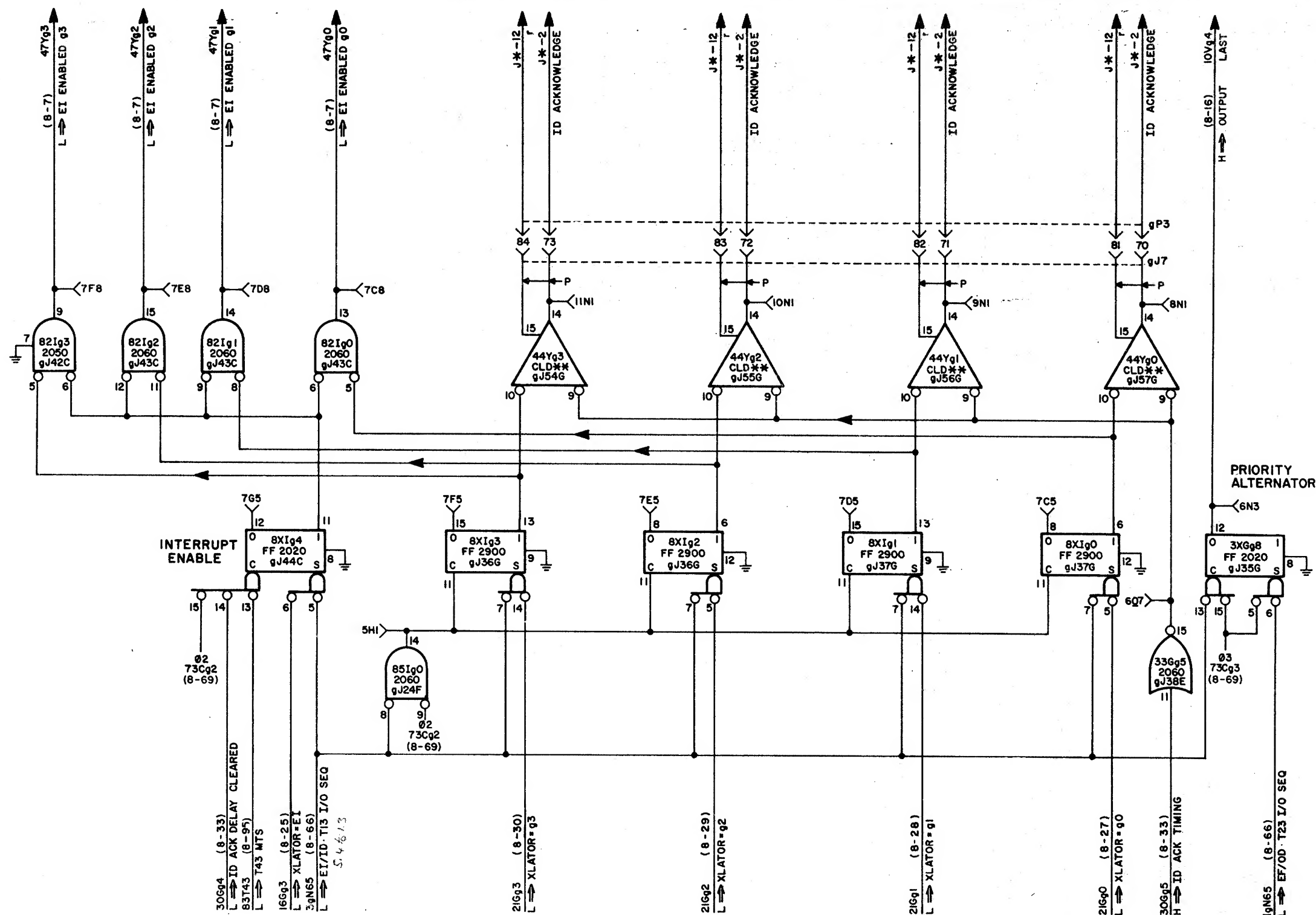


FIGURE 8-34

* INPUT CHANNEL	0	1	2	3	4	5	6	7	10	11	12	13	14	15	16	17
I/O JACK	27	16	4	5	28	17	6	7	18	19	8	9	20	21	10	11

** CLD WILL BE A 2130 FOR SLOW INTERFACE OR A 2331 FOR FAST INTERFACE.

IDENT NO. 7032631 -00

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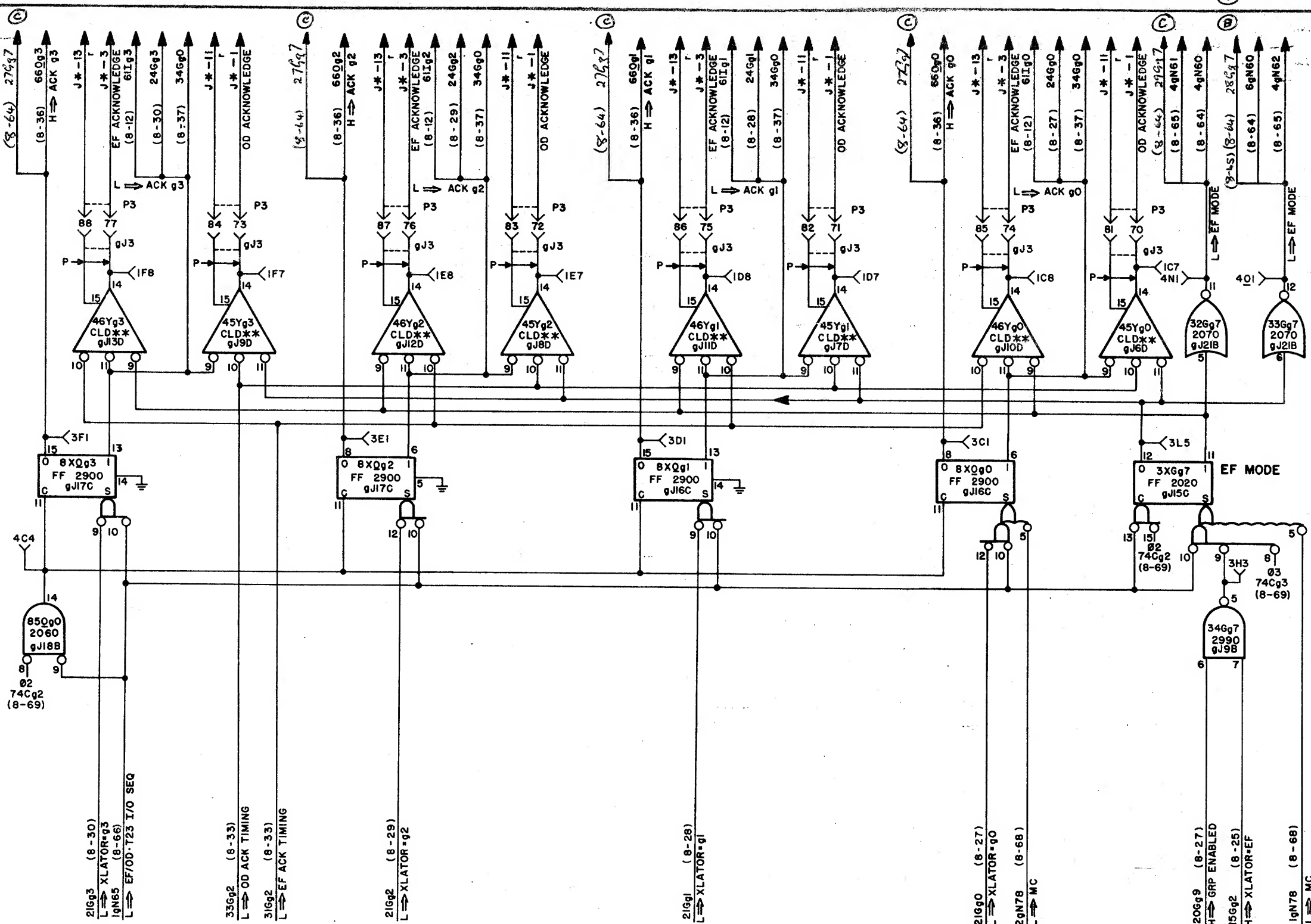
UNLESS OTHERWISE SPECIFIED		LAYOUT		DATE		CLASS	
DIMENSION IN INCHES TOLERANCE ON		DRAFTSMAN		3-10-65		A	
FRACTIONS 3 PLACES DECIMALS ANGLES		R.CALTON					
HOLD DIAMETER TOLERANCE		CHECKER		B. POPOV		9-15-65	
0 THRU .750 + .003 - .002		ENGINEER		R. OULICKY		6-15-65	
.751 THRU 1.000 + .003 - .002		APPROVAL		[Signature]			
1.001 THRU 1.500 + .004 - .003		MATERIAL					
1.501 THRU 2.000 + .005 - .004		FINISH					
2.001 THRU 3.000 + .006 - .005		APPLICATION					
3.001 THRU 4.000 + .007 - .006		COMMITTEE CODE					
4.001 THRU 5.000 + .008 - .007							
5.001 THRU 6.000 + .009 - .008							
6.001 THRU 7.000 + .010 - .009							
7.001 THRU 8.000 + .011 - .010							
8.001 THRU 9.000 + .012 - .011							
9.001 THRU 10.000 + .013 - .012							
10.001 THRU 11.000 + .014 - .013							
11.001 THRU 12.000 + .015 - .014							
12.001 THRU 13.000 + .016 - .015							
13.001 THRU 14.000 + .017 - .016							
14.001 THRU 15.000 + .018 - .017							
15.001 THRU 16.000 + .019 - .018							
16.001 THRU 17.000 + .020 - .019							
17.001 THRU 18.000 + .021 - .020							
18.001 THRU 19.000 + .022 - .021							
19.001 THRU 20.000 + .023 - .022							
20.001 THRU 21.000 + .024 - .023							
21.001 THRU 22.000 + .025 - .024							
22.001 THRU 23.000 + .026 - .025							
23.001 THRU 24.000 + .027 - .026							
24.001 THRU 25.000 + .028 - .027							
25.001 THRU 26.000 + .029 - .028							
26.001 THRU 27.000 + .030 - .029							
27.001 THRU 28.000 + .031 - .030							
28.001 THRU 29.000 + .032 - .031							
29.001 THRU 30.000 + .033 - .032							
30.001 THRU 31.000 + .034 - .033							
31.001 THRU 32.000 + .035 - .034							
32.001 THRU 33.000 + .036 - .035							
33.001 THRU 34.000 + .037 - .036							
34.001 THRU 35.000 + .038 - .037							
35.001 THRU 36.000 + .039 - .038							
36.001 THRU 37.000 + .040 - .039							
37.001 THRU 38.000 + .041 - .040							
38.001 THRU 39.000 + .042 - .041							
39.001 THRU 40.000 + .043 - .042							
40.001 THRU 41.000 + .044 - .043							
41.001 THRU 42.000 + .045 - .044							
42.001 THRU 43.000 + .046 - .045							
43.001 THRU 44.000 + .047 - .046							
44.001 THRU 45.000 + .048 - .047							
45.001 THRU 46.000 + .049 - .048							
46.001 THRU 47.000 + .050 - .049							
47.001 THRU 48.000 + .051 - .050							
48.001 THRU 49.000 + .052 - .051							
49.001 THRU 50.000 + .053 - .052							
50.001 THRU 51.000 + .054 - .053							
51.001 THRU 52.000 + .055 - .054							
52.001 THRU 53.000 + .056 - .055							
53.001 THRU 54.000 + .057 - .056							
54.001 THRU 55.000 + .058 - .057							
55.001 THRU 56.000 + .059 - .058							
56.001 THRU 57.000 + .060 - .059							
57.001 THRU 58.000 + .061 - .060							
58.001 THRU 59.000 + .062 - .061							
59.001 THRU 60.000 + .063 - .062							
60.001 THRU 61.000 + .064 - .063							
61.001 THRU 62.000 + .065 - .064							
62.001 THRU 63.000 + .066 - .065							
63.001 THRU 64.000 + .067 - .066							
64.001 THRU 65.000 + .068 - .067							
65.001 THRU 66.000 + .069 - .068							
66.001 THRU 67.000 + .070 - .069							
67.001 THRU 68.000 + .071 - .070							
68.001 THRU 69.000 + .072 - .071							
69.001 THRU 70.000 + .073 - .072							
70.001 THRU 71.000 + .074 - .073							
71.001 THRU 72.000 + .075 - .074							
72.001 THRU 73.000 + .076 - .075							
73.001 THRU 74.000 + .077 - .076							
74.001 THRU 75.000 + .078 - .077							
75.001 THRU 76.000 + .079 - .078							
76.001 THRU 77.000 + .080 - .079							
77.001 THRU 78.000 + .081 - .080							
78.001 THRU 79.000 + .082 - .081							
79.001 THRU 80.000 + .083 - .082							
80.001 THRU 81.000 + .084 - .083							
81.001 THRU 82.000 + .085 - .084							
82.001 THRU 83.000 + .086 - .085							
83.001 THRU 84.000 + .087 - .086							
84.001 THRU 85.000 + .088 - .087							
85.001 THRU 86.000 + .089 - .088							
86.001 THRU 87.000 + .090 - .089							
87.001 THRU 88.000 + .091 - .090							
88.001 THRU 89.000 + .092 - .091							
89.001 THRU 90.000 + .093 - .092							
90.001 THRU 91.000 + .094 - .093							
91.001 THRU 92.000 + .095 - .094							
92.001 THRU 93.000 + .096 - .095							
93.001 THRU 94.000 + .097 - .096							
94.001 THRU 95.000 + .098 - .097							
95.001 THRU 96.000 + .099 - .098							
96.001 THRU 97.000 + .100 - .099							
97.001 THRU 98.000 + .101 - .100							
98.001 THRU 99.000 + .102 - .101							
99.001 THRU 100.000 + .103 - .102							

FUNCTIONAL SCHEMATIC, INPUT ACK REGISTER

CODE IDENT NO. 90536 SIZE D DWG NO. 7032631

SHEET 1 OF 1

REVISIONS				
SYM	ZONE	EIR	DESCRIPTION	DATE
A		71685	SEE EIR	
B	E12781		OD 1-SHOT CLR ON IC Chm. at EF	
C	4088		INTERCOMPUTER TERMINATION	



* OUTPUT CHANNEL	0	1	2	3	4	5	6	7	10	11	12	13	14	15	16	17
I/O JACK	29	30	31	32	33	34	35	36	23	24	25	26	12	13	14	15

** CLD WILL BE A 2130 FOR SLOW INTERFACE OR A 2331 FOR FAST INTERFACE.

FIGURE 8-35

IDENT NO. 7032629-00

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UNLESS OTHERWISE SPECIFIED		DIMENSION IN INCHES TOLERANCE ON 2 PLACE DECIMALS		DIMENSION IN INCHES TOLERANCE ON 3 PLACE DECIMALS		DIMENSION IN INCHES TOLERANCE ON 4 PLACE DECIMALS		DIMENSION IN INCHES TOLERANCE ON 5 PLACE DECIMALS		DIMENSION IN INCHES TOLERANCE ON 6 PLACE DECIMALS		DIMENSION IN INCHES TOLERANCE ON 7 PLACE DECIMALS		DIMENSION IN INCHES TOLERANCE ON 8 PLACE DECIMALS		DIMENSION IN INCHES TOLERANCE ON 9 PLACE DECIMALS		DIMENSION IN INCHES TOLERANCE ON 10 PLACE DECIMALS	
DRAFTSMAN		ROLAN BITZER		CHECKER		B. POPOV		ENGINEER		R. OULICKY		APPROVAL		DATE		3-11-65		CLASS	
TITLE		FUNCTIONAL SCHEMATIC, OD AND EF ACK REGISTER		CODE IDENT NO.		90536		SIZE		D		DWG NO.		7032629		SHEET		1 OF 1	

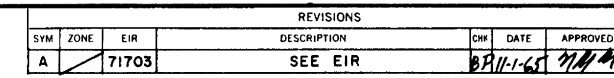
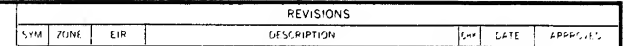


FIGURE 8-37

QTY REGD	FIND	REF DES	CODE IDENT	SIZE	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION
LIST OF MATERIAL						
DATE		CLASS	UNIVAC			
3-16-63		A	DIVISION OF SPERRY RANS CORPORATION			
TITLE		FUNCTIONAL SCHEMATIC, SPECIAL PRIORITY 2				
CODE IDENT NO.		SIZE	DWG NO.			
90536		D	7032628			
SCALE		WEIGHT		SHEET		OF

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QTY REGD	FIND	REF DES	CODE IDENT	DWG SIZE	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION
LIST OF MATERIAL						
		DATE	CLASS	UNIVAC <small>DIVISION OF SPERRY RAND CORPORATION</small>		
BITZER		3-9-65	TITLE	FUNCTIONAL SCHEMATIC, E F ACTIVE		
V		<i>WBS</i> <i>B.P.</i> <i>9-15-65</i>				
CKY		<i>WBS</i> <i>7-15-65</i>				
<i>Wagner</i>		<i>7-15-65</i>	CODE IDENT NO.	SIZE	DWG NO.	
			90536	D	7032643	
			SCALE	WEIGHT	SHEET	OF

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REVISIONS				
NO	DATE	BY	DESCRIPTION	APPROVED

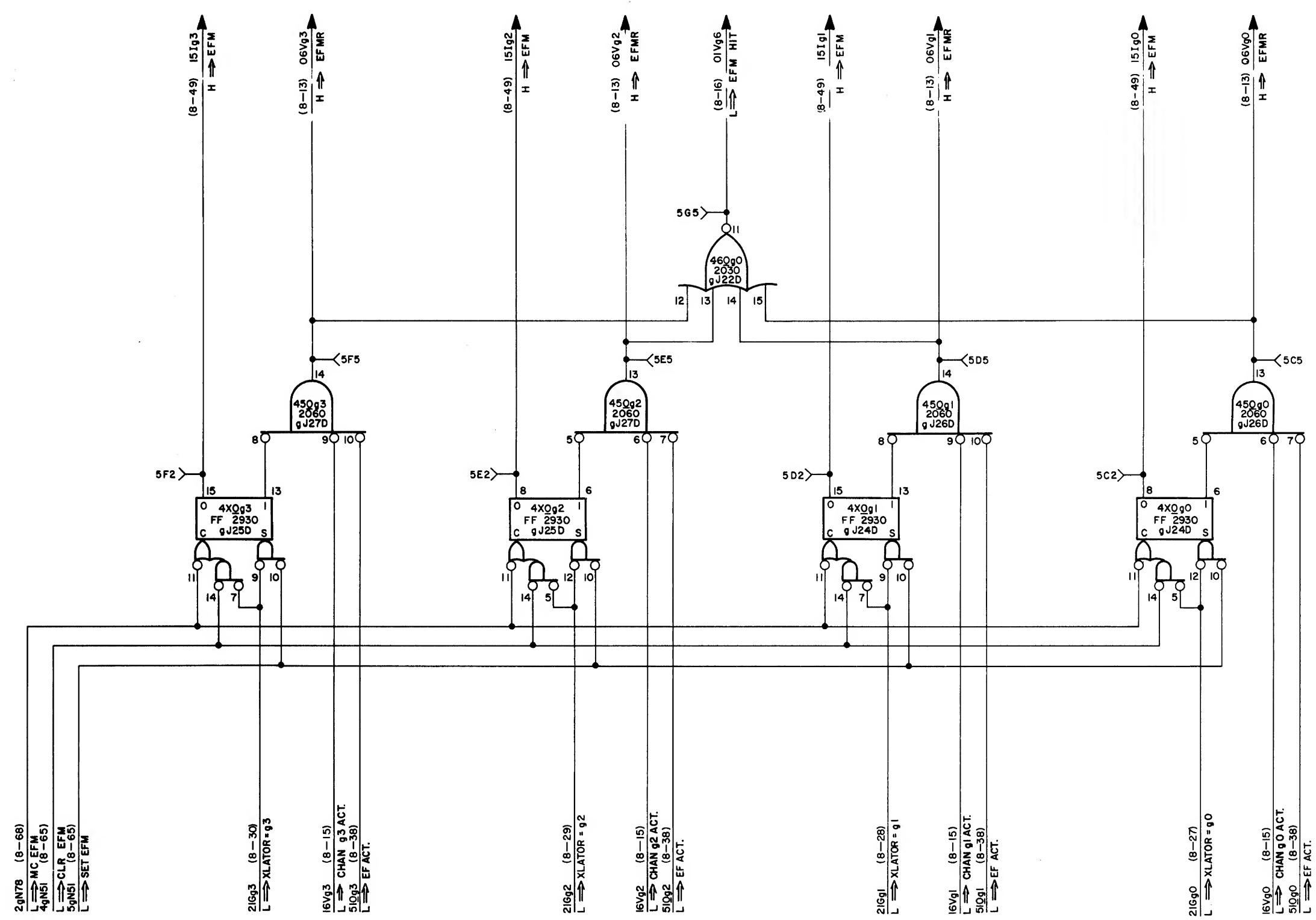
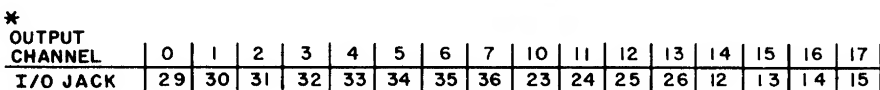


FIGURE 8-39

IDENT NO. 7032618-00

UNLESS OTHERWISE SPECIFIED		DATE		CLASS	
DIMENSIONS IN INCHES - TOLERANCES UNLESS OTHERWISE SPECIFIED		3-1-65		A	
DRAFTSMAN		R. CALTON		T-TITLE	
CHECKER		B. POPOV		FUNCTIONAL SCHEMATIC, EF MONITOR	
ENGINEER		R. OULICKY		CODE IDENT NO	
APPROVAL		[Signature]		90536	
MATERIAL		FINISH		SIZE	
APPLICATION		EQUIPMENT		D	
COMMUNITY CODE		TOLERANCES		DWG NO.	
				7032618	
				SCALE	
				WEIGHT	
				SHEET 1 OF 1	

QTY REQD	FIND	REF DES	CODE IDENT	SIZE DWG	PART OR IDENTIFYING NO	NOMENCLATURE OR DESCRIPTION
LIST OF MATERIAL						
DATE		CLASS	UNIVAC			
		A	DIVISION OF SPERRY RAND CORPORATION			
R. CALTON		224-65	TITLE			
POV		WOB B.P.	FUNCTIONAL SCHEMATIC, EF REQ OS & GATES			
LICKY		WOB 4-15-65				
Wagner		4-15-65	CODE IDENT NO.	SIZE	DWG NO.	
			90536	D	7032613	
			SCALE		WEIGHT	
					SHEET OF I	



THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE CRIMINAL DIVISION OF SURETY BOND CORPORATION AND IS FURNISHED PURSUANT TO THE FOLLOWING INSTRUMENT

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FIGURE 8-40

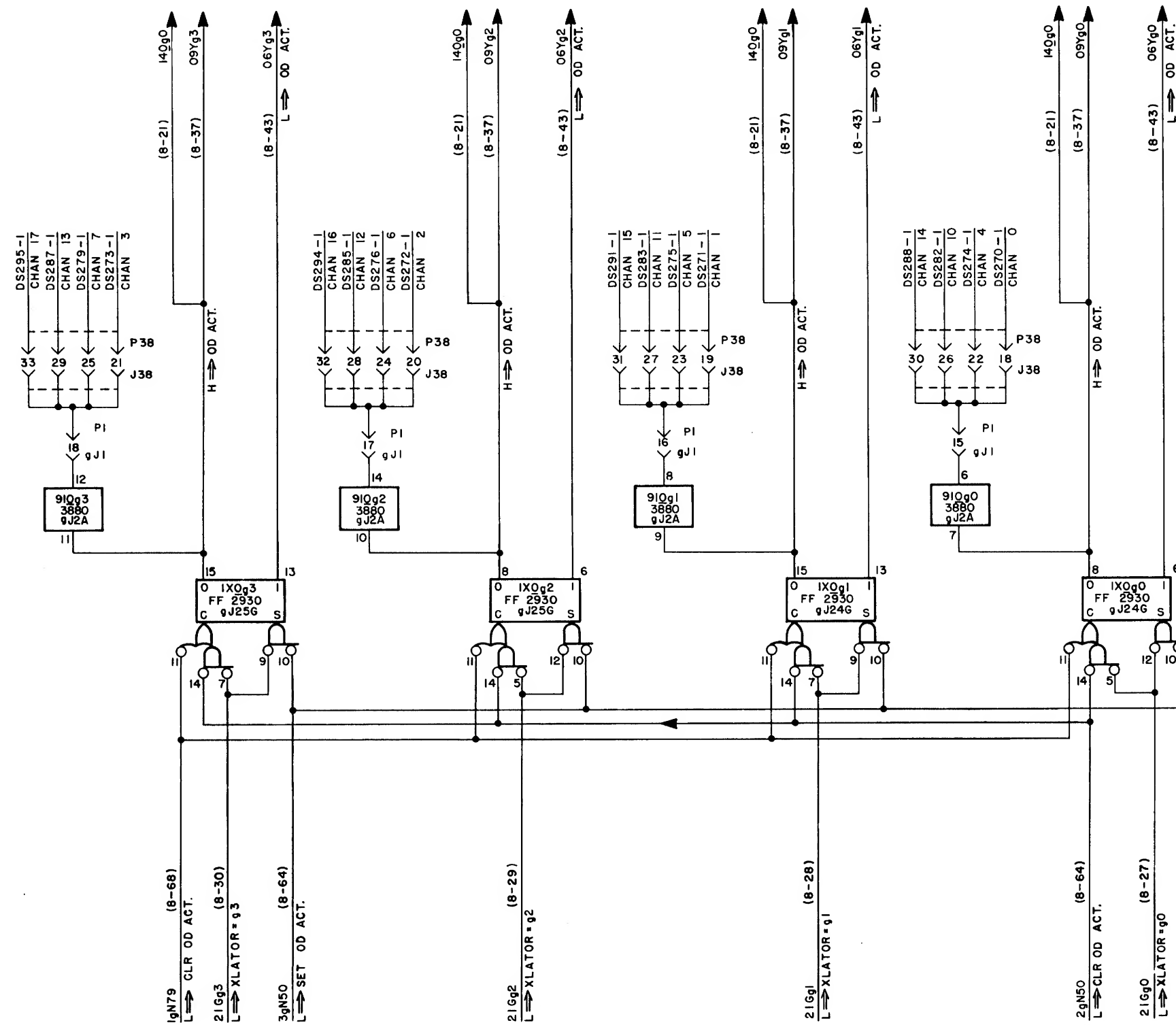


FIGURE 8-41

IDENT NO. 7032644-00

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GOVERNMENT AND IS LOANED TO YOUR AGENCY. IT AND ITS CONTENTS
ARE NOT TO BE DISTRIBUTED OUTSIDE YOUR AGENCY.

UNLESS OTHERWISE SPECIFIED		LAYOUT		DATE		CLASS		TITLE	
DIMENSIONS IN INCHES: TOLERANCES FRACTIONS DECIMALS ANGLES		ROLAN BITZER		3-10-65		A		FUNCTIONAL SCHEMATIC, OD ACTIVE	
MINIMUM TOLERANCES		CHECKER		B. POPOV		B. P.		9-15-65	
0 THRU .250 +.003 -0.002		ENGINEER		R. OULICKY		R. O.		9-15-65	
.250 THRU .500 +.005 -0.005		APPROVAL		[Signature]		[Signature]		[Signature]	
.500 THRU 1.000 +.010 -0.010		COMMUNITY CODE		90536		D		7032644	
OVER 1.000 +.015 -0.015		MATERIAL		90536		D		7032644	
FINISH		EQUIPMENT		90536		D		7032644	
APPLICATION		NEXT ASSY		90536		D		7032644	
COMMUNITY CODE		EQUIPMENT		90536		D		7032644	
FINISH		EQUIPMENT		90536		D		7032644	

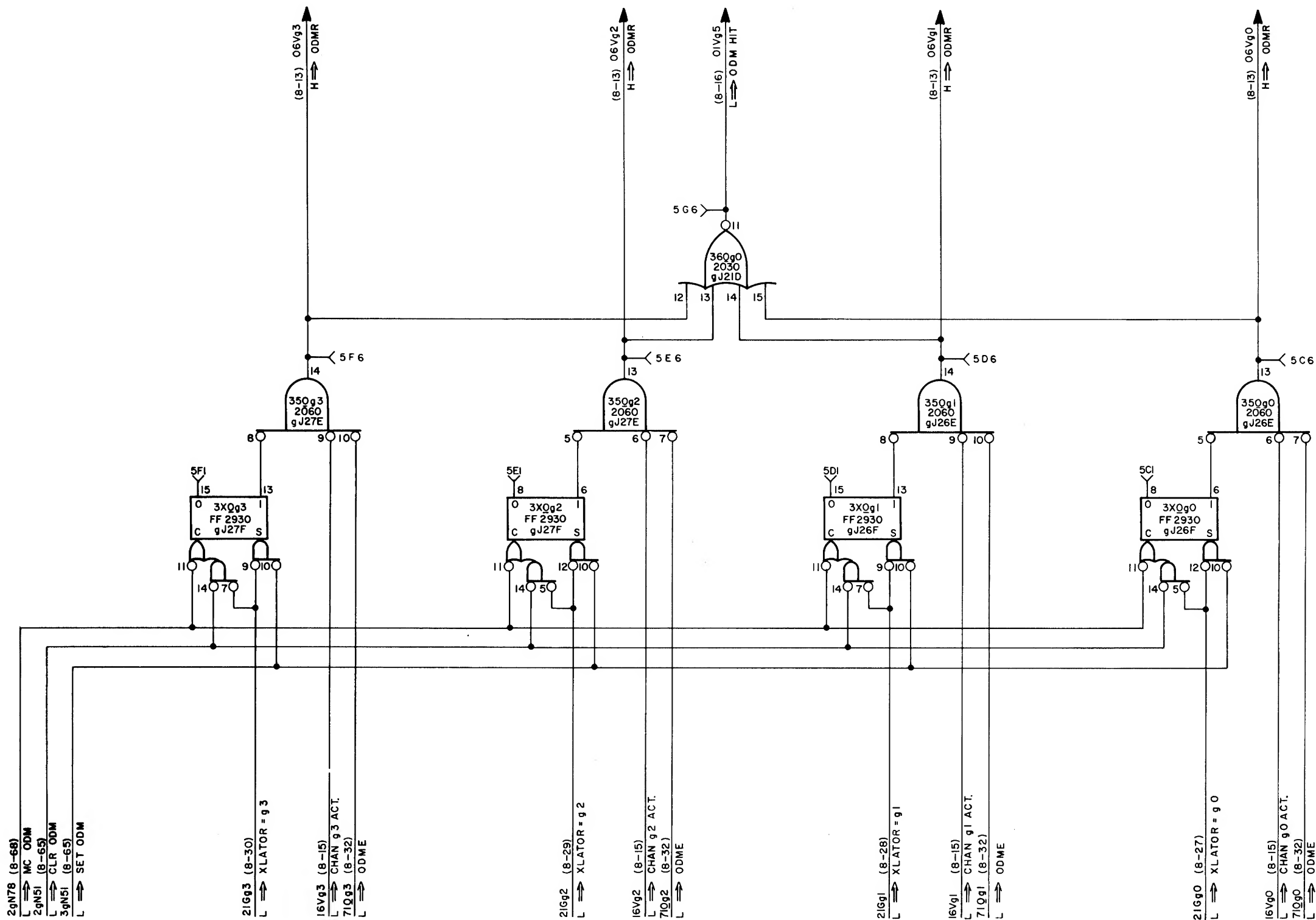
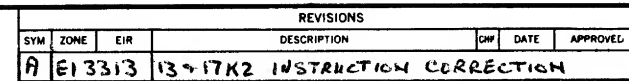


FIGURE 8-42

IDENT NO. 7032617-00

QTY REQD		UNIT	REF DES	FORM IDENT	SIZE	PART OR IDENTIFYING NO	NOMENCLATURE OR DESCRIPTION
LIST OF MATERIAL							
DATE		CLASS		UNIVAC			
22765		A		FUNCTIONAL SCHEMATIC, OD MONITOR			
DESIGNED BY R. CALTON		CHECKED BY B. POPOV		DATE 9-15-65			
APPROVED BY R. OULICLY		DATE 9-15-65		FORM IDENT NO 90536			
SIZE D		DWG NO 7032617		SHEET 1 OF 1			



QTY REQD	FIND	REF DES	CODE IDENT	SIZE	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION
LIST OF MATERIAL						
DATE		CLASS A	UNIVAC <small>DIVISION OF SPERRY RAND CORPORATION</small>			
TITLE		FUNCTIONAL SCHEMATIC, ACT, MON, AND CDM CONTROL				
ERNETTON 12-15-66		3-31-67 <i>B.D.</i>				
IBING 3-31-67 <i>B.L.</i>						
<i>DeLaney</i> 3-31-67		CODE IDENT NO. 90536	SIZE D	DWG NO. 7075160		
		SCALE SCALE	WEIGHT	SHEET OF		

REVISIONS					
SYM	ZONE	EIR	DESCRIPTION	CHK	DATE
A		77398	SEE EIR		4-27-66
B	E12781		OD 1-SHOT CLR ON IC CHAN ATEF		
C	4088		INTERCOMPUTER TERMINATION		

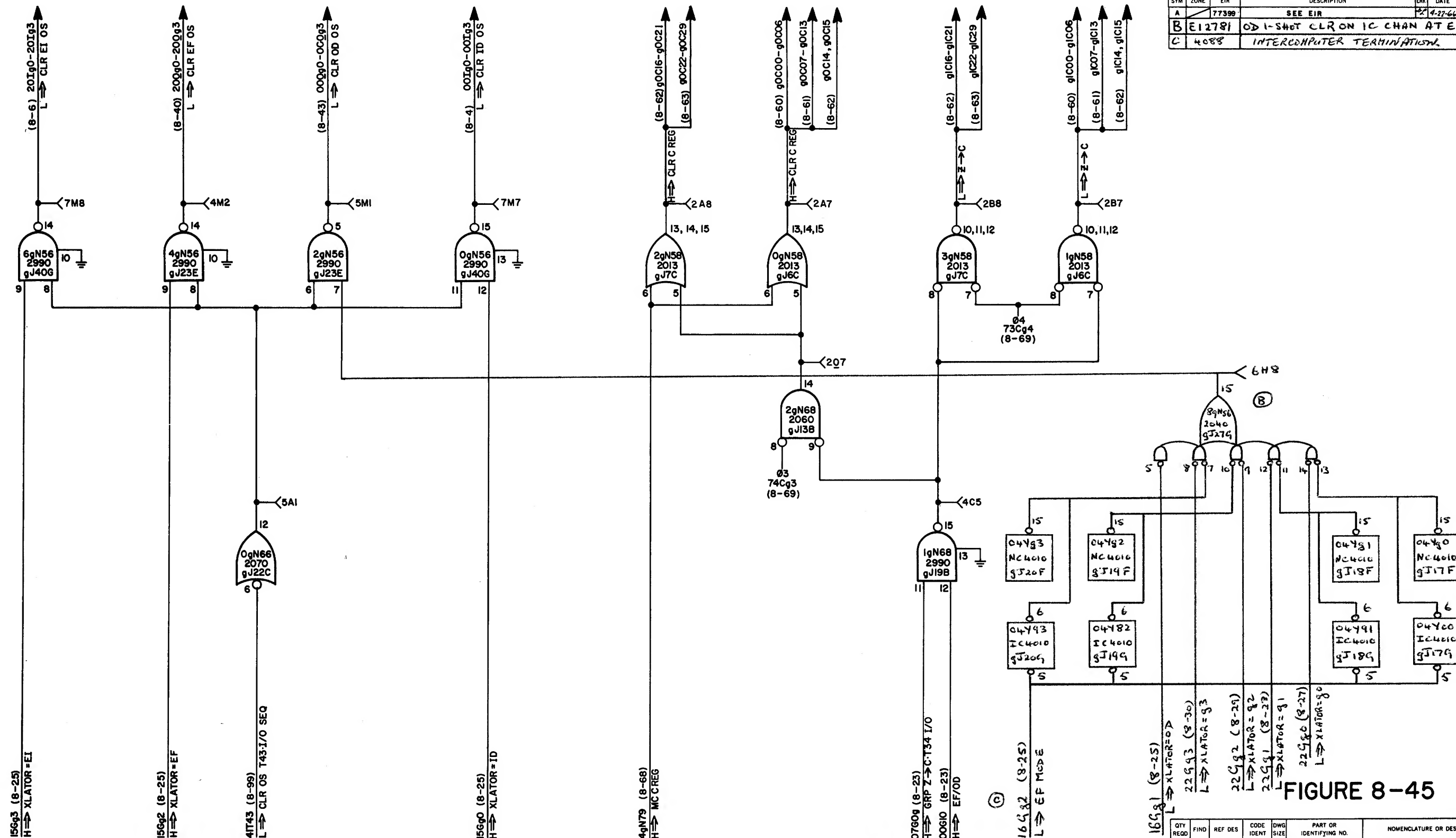


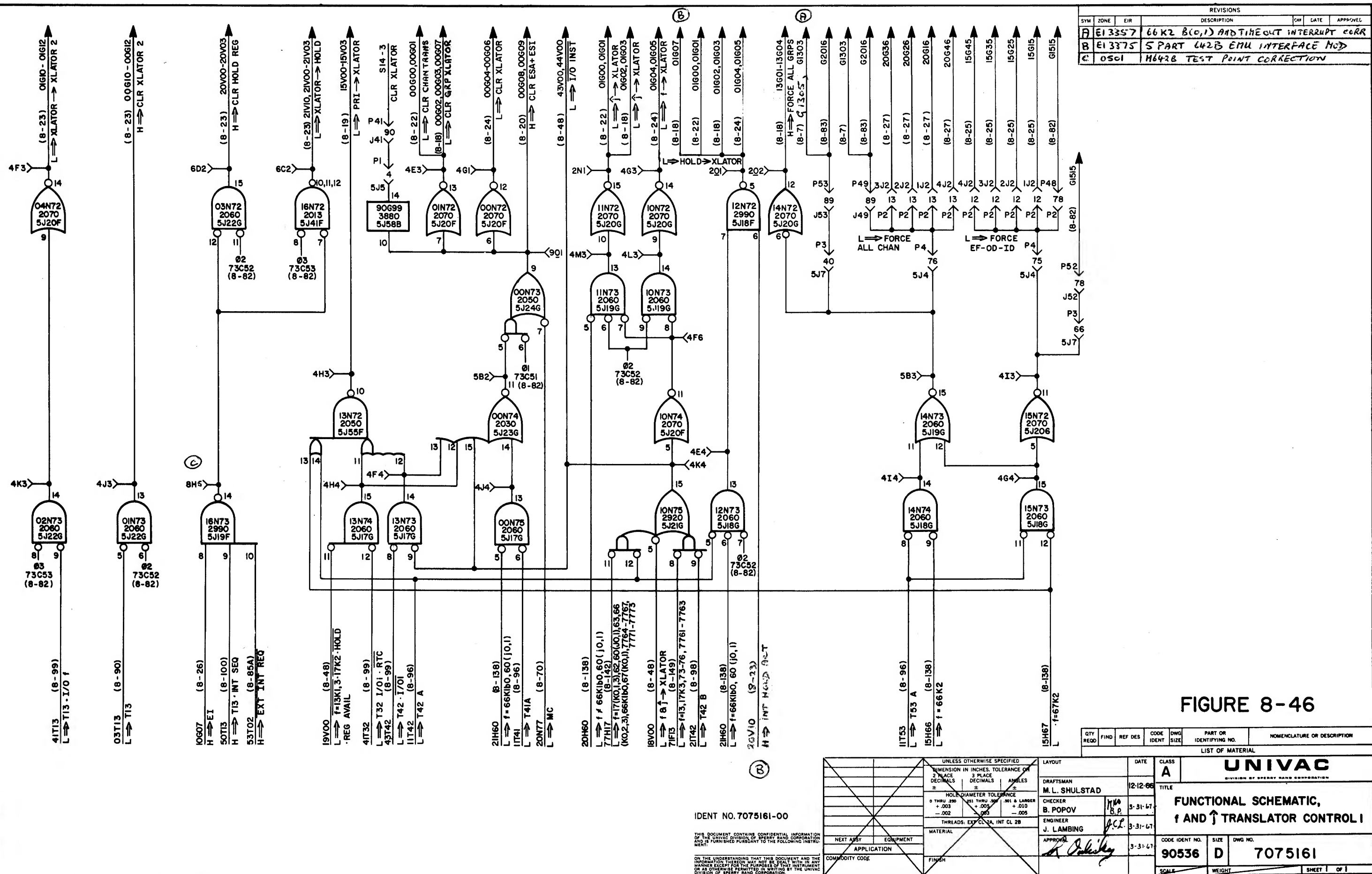
FIGURE 8-45

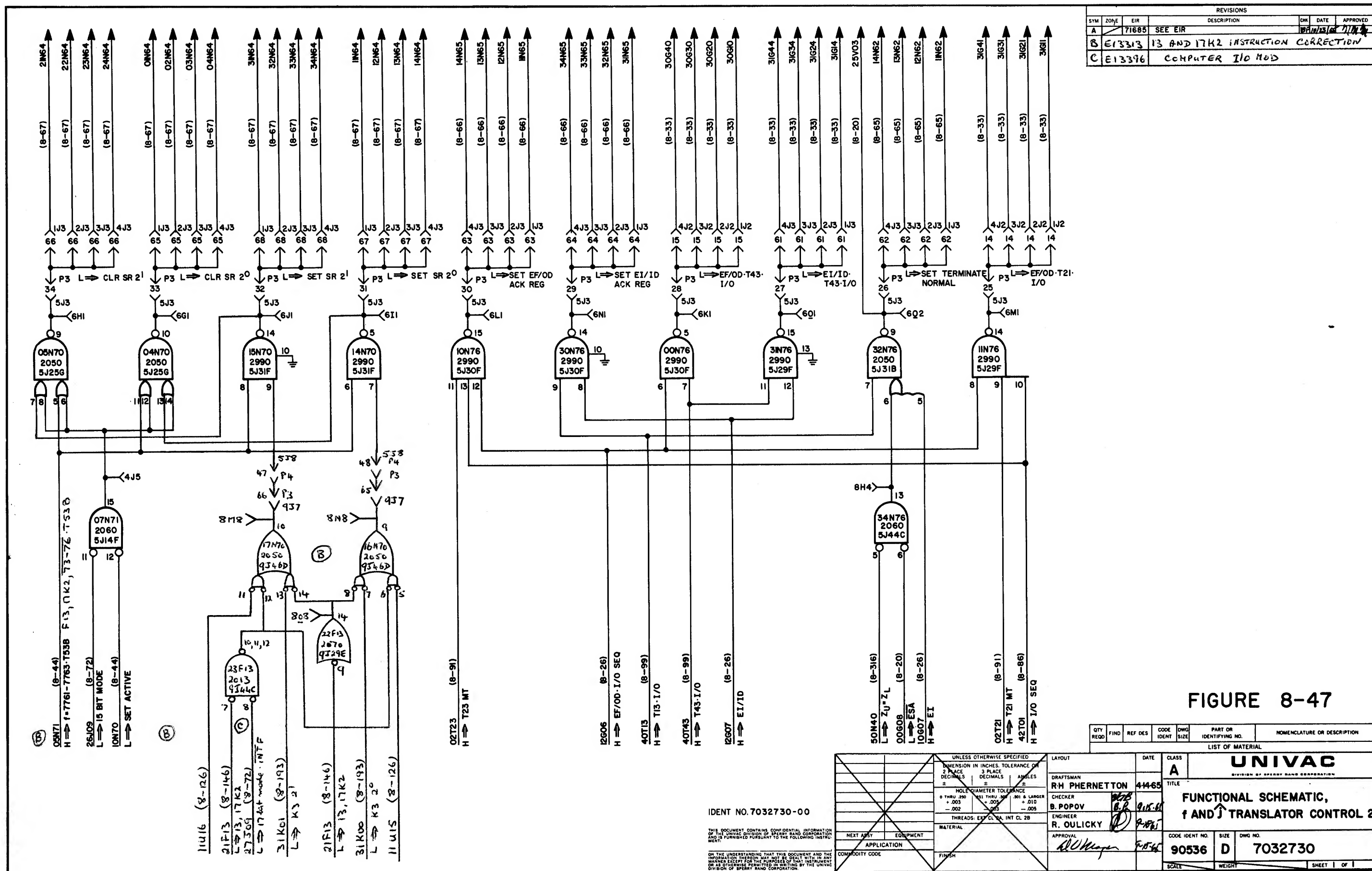
IDENT NO. 7032658-00

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UNLESS OTHERWISE SPECIFIED		LAYOUT		DATE		CLASS	
DIMENSION IN INCHES. TOLERANCE ON		R.CALTON		4-5-65		A	
FRACTIONS : 3 PLACE DECIMALS : ANGLES		CHECKER		TITLE		UNIVAC	
HOLE DIAMETER TOLERANCE		B. POPOV		FUNCTIONAL SCHEMATIC, OS & C REGISTER CONTROL		DIVISION OF SPERRY RAND CORPORATION	
0 THRU .250 : .003		ENGINEER		CODE IDENT NO.		SIZE	
.251 THRU .500 : .005		R. OULICKY		90536		D	
.501 & LARGER : .010		APPROVAL		DWG NO.		7032658	
THREADS: EX. CL. 2A, INT. CL. 2B		9-15-65		SCALE		WEIGHT	
MATERIAL		9-15-65		SHEET		OF 1	
FINISH							





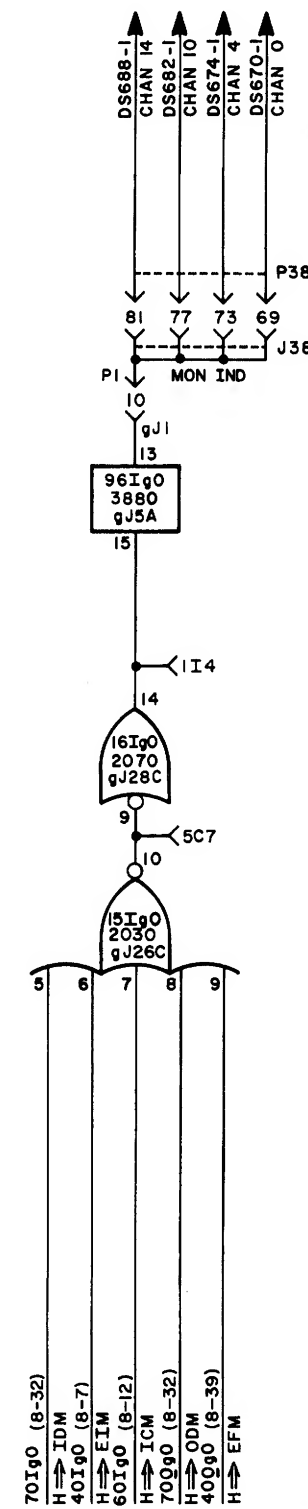
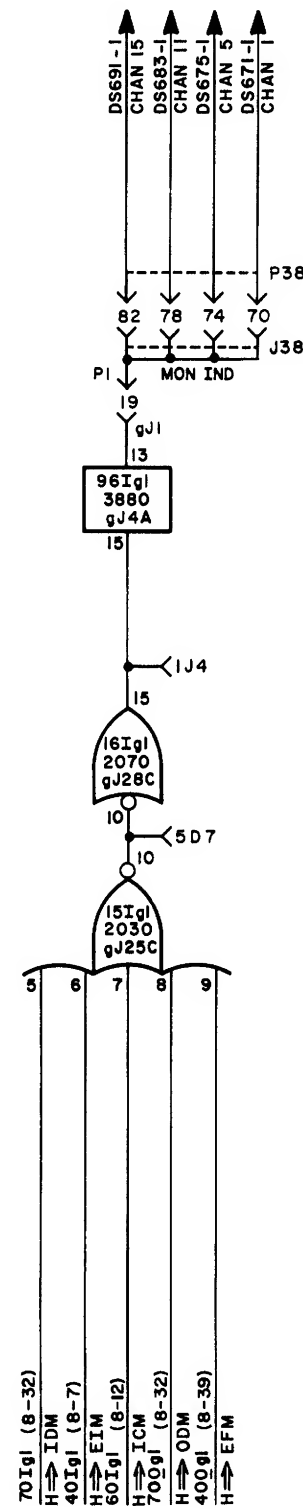
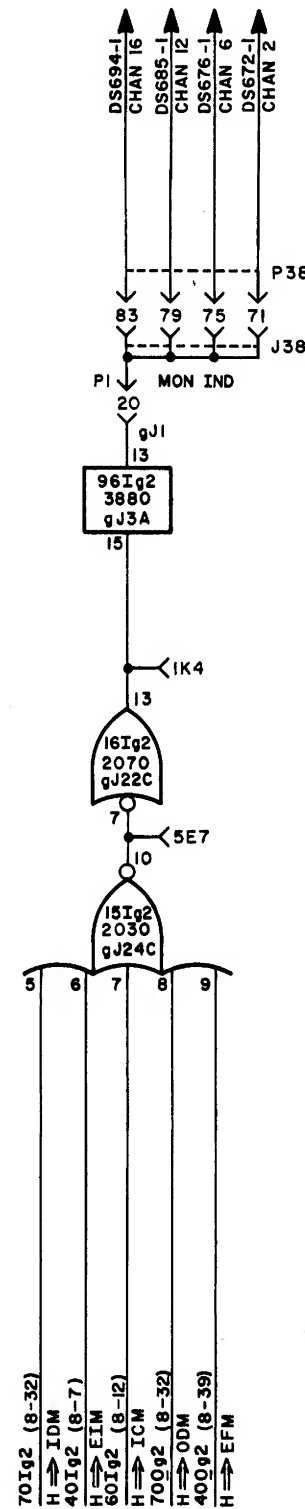
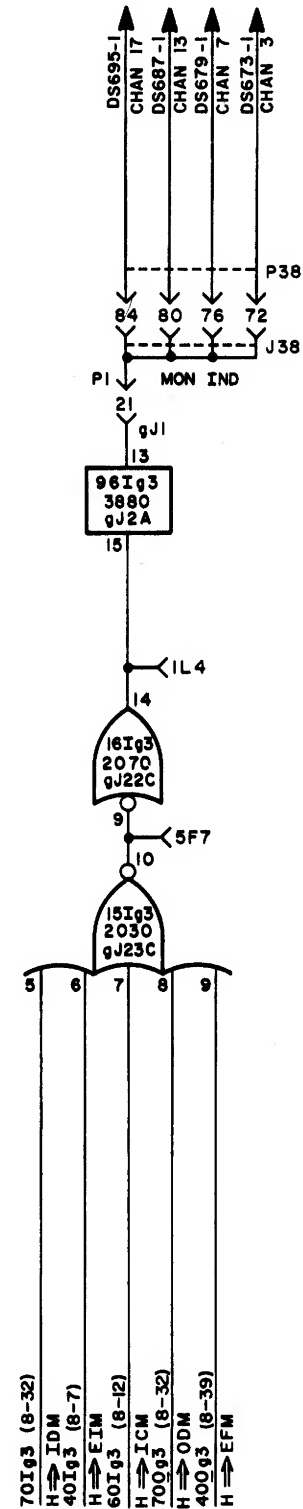


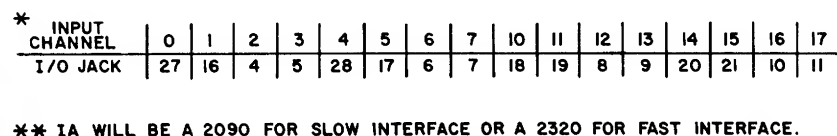
FIGURE 8-49

IDENT NO. 7032642-00

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION AND IS FURNISHED PURSUANT TO THE FOLLOWING INSTRUMENT OR AS OTHERWISE PERMITTED IN WRITING BY THE UNIVAC DIVISION OF SPERRY RAND CORPORATION.

UNLESS OTHERWISE SPECIFIED		LAYOUT		DATE		CLASS	
DIMENSION IN INCHES. TOLERANCE UNLESS OTHERWISE SPECIFIED		V. STEEBER		3-10-65		A	
2 PLACE DECIMALS		CHECKER		B. POPOV		TITLE	
3 PLACE DECIMALS		ENGINEER		R. OULICKY		FUNCTIONAL SCHEMATIC, MONITOR IND	
HOLE DIAMETER TOLERANCE		APPROVAL		9-16-65		CODE IDENT NO.	
0 THRU .250		NEXT ASSY		EQUIPMENT		SIZE	
.003		COMMODITY CODE		APPLICATION		DWG NO.	
.002		FINISH		SCALE		WEIGHT	
.001		SHEET		OF		1	
THREADS: EX. CL. 1A, INT. CL. 2B		90536		D		7032642	

QTY REQD	FIND	REF DES	CODE IDENT	DWG SIZE	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION
LIST OF MATERIAL						
DATE		CLASS	UNIVAC			
3-16-65		A	DIVISION OF SPERRY RAND CORPORATION			
TITLE		FUNCTIONAL SCHEMATIC, INPUT DATA AMPS STAGES 00-02				
CODE IDENT NO.		SIZE	DWG NO.			
90536		D	7032602			
SCALE		WEIGHT		SHEET		OF



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<div></div>		UNLESS OTHERWISE SPECIFIED		DATE		CLASS		<div>UNIVAC</div> <div>DIVISION OF SPERRY RAND CORPORATION</div>			
		DIMENSION IN INCHES TOLERANCE ON		LAYOUT		A					
		2 PLACE DECIMALS		DRAFTSMAN		TITLE					
		3 PLACE DECIMALS		ROLAN BITZER		3-16-65					
<div></div>		HOLE DIAMETER TOLERANCE		CHECKER		<div>903</div> <div>B.P.</div> <div>9-16-65</div>		<div>FUNCTIONAL SCHEMATIC,</div> <div>INPUT DATA AMPS</div> <div>STAGES 00-02</div>			
		0 THRU .250		.251 THRU .500						.501 & LARGER	
		+ .003		+ .005						+ .010	
- .002		- .005		- .005							
NEXT ASSY		EQUIPMENT		ENGINEER		R. OULICKY					
APPLICATION		MATERIAL		APPROVAL		9-15-65		CODE IDENT NO.			
COMMODITY CODE		FINISH		<div>9-15-65</div>		90536		SIZE			
								DWG NO.			
								7032602			
						SCALE		WEIGHT			
								SHEET			
								OF			

REVISIONS				
SYM	ZONE	EIR	DESCRIPTION	CHK DATE APPROVED
A		71686	SEE EIR	ec/epj/sst 4/4/66

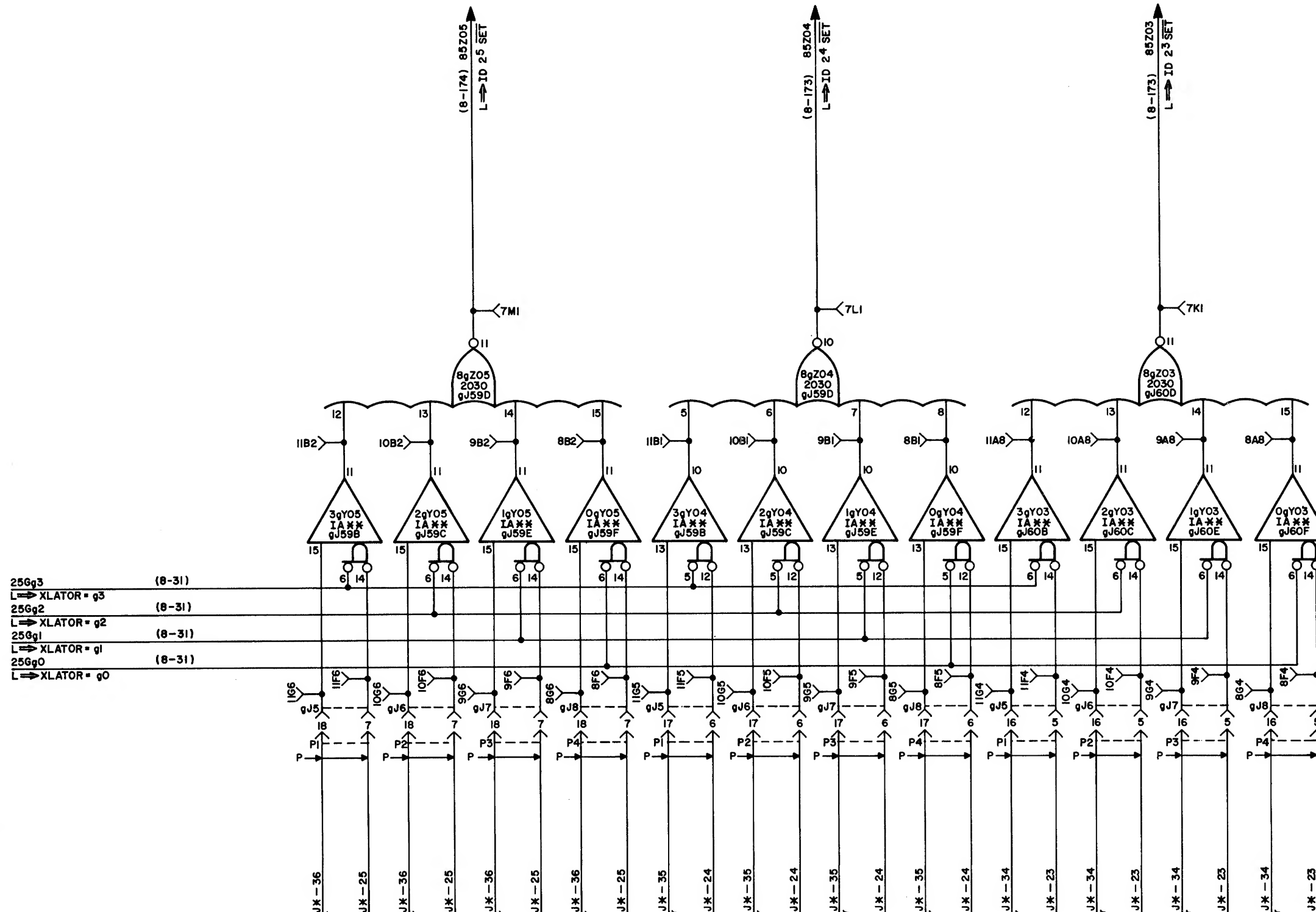


FIGURE 8-51

INPUT CHANNEL	0	1	2	3	4	5	6	7	10	11	12	13	14	15	16	17
I/O JACK	27	16	4	5	28	17	6	7	18	19	8	9	20	21	10	11

*** IA WILL BE A 2090 FOR SLOW INTERFACE OR A 2320 FOR FAST INTERFACE.

IDENT NO. 7032603-00

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UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES. TOLERANCE ON 3 PLACE DECIMALS = ± .005 HOLE DIAMETER TOLERANCE 0 THRU .250 ± .003 .251 THRU .500 ± .005 .501 & LARGER ± .010 THREADS: EXT. CL. 2A, INT. CL. 2B		LAYOUT DATE CLASS A	DATE 3-16-65	CLASS A	TITLE FUNCTIONAL SCHEMATIC, INPUT DATA AMPS STAGES 03-05
DRAFTSMAN R. CALTON		CHECKER B. POPOV	ENGINEER R. OULICKY	APPROVAL R. Oulicky	CODE IDENT NO. 90536
MATERIAL		FINISH		SIZE D	DWG NO. 7032603
COMMODITY CODE		WEIGHT		SHEET 1 OF 1	

REVISIONS				
SYM	ZONE	EIR	DESCRIPTION	CHK DATE APPROVED
A		71686	SEE EIR	9/14/65 [Signature]

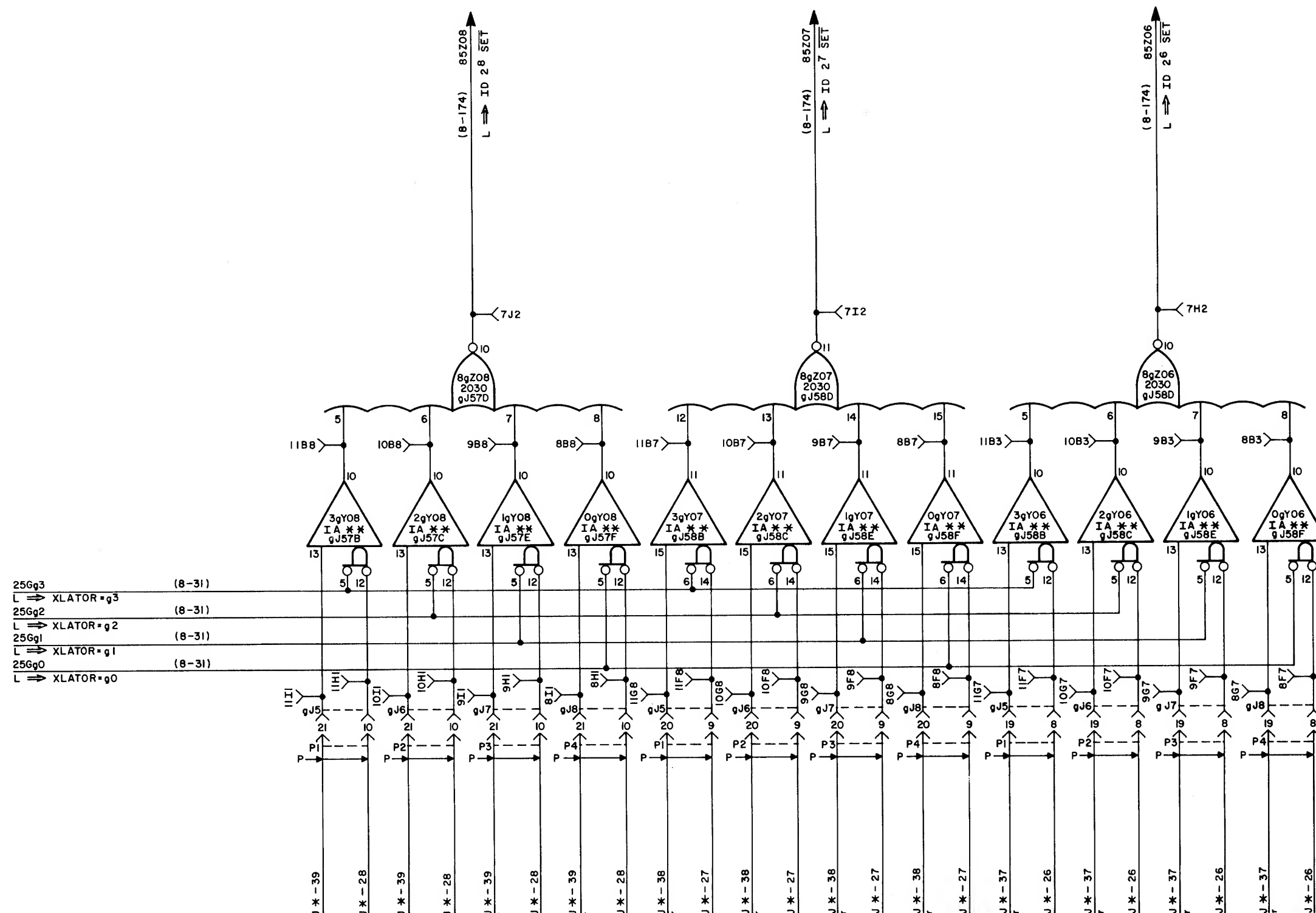


FIGURE 8-52

* INPUT CHANNEL	0	1	2	3	4	5	6	7	10	11	12	13	14	15	16	17
I/O JACK	27	16	4	5	28	17	6	7	18	19	8	9	20	21	10	11

** IA WILL BE A 2090 FOR SLOW INTERFACE OR A 2320 FOR FAST INTERFACE.

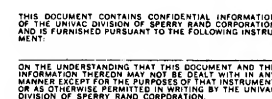
IDENT NO. 7032604-00

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UNLESS OTHERWISE SPECIFIED		LAYOUT		DATE	CLASS	UNIVAC	
DIMENSION IN INCHES TOLERANCE ON 2 PLACE DECIMALS		DRAFTSMAN		3-17-65	A	DIVISION OF SPERRY RAND CORPORATION	
HOLE DIAMETER TOLERANCE		CHECKER		B. POPOV		TITLE	
0 THRU .250 +.003		ENGINEER		R. OULICKY		FUNCTIONAL SCHEMATIC, INPUT DATA AMPS STAGES 06-08	
.251 THRU .500 +.005		APPROVAL		[Signature]		CODE IDENT NO.	SIZE
.501 & LARGER +.010		COMMODITY CODE				90536	D
THREADS EXCEPT DIA. INT CL 2B		FINISH				DWG NO.	7032604
						SCALE	WEIGHT
						SHEET 1 of 1	

QTY REQD	FIND	REF DES	CODE IDENT	DWG SIZE	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION
LIST OF MATERIAL						
DATE		CLASS	UNIVAC			
3-18-65		A	DIVISION OF SPERRY RAND CORPORATION			
TITLE		FUNCTIONAL SCHEMATIC, INPUT DATA AMPS STAGES 09-11				
CODE IDENT NO.		SIZE	DWG NO.			
90536		D	7032605			
SCALE		WEIGHT			SHEET OF 1	



**** IA WILL BE A 2090 FOR SLOW INTERFACE OR A 2320 FOR FAST INTERFACE.**

REVISIONS				
SYM	ZONE	EIR	DESCRIPTION	CHK DATE APPROVED
A		71686	SEE EIR	8/24/65 9/1/65

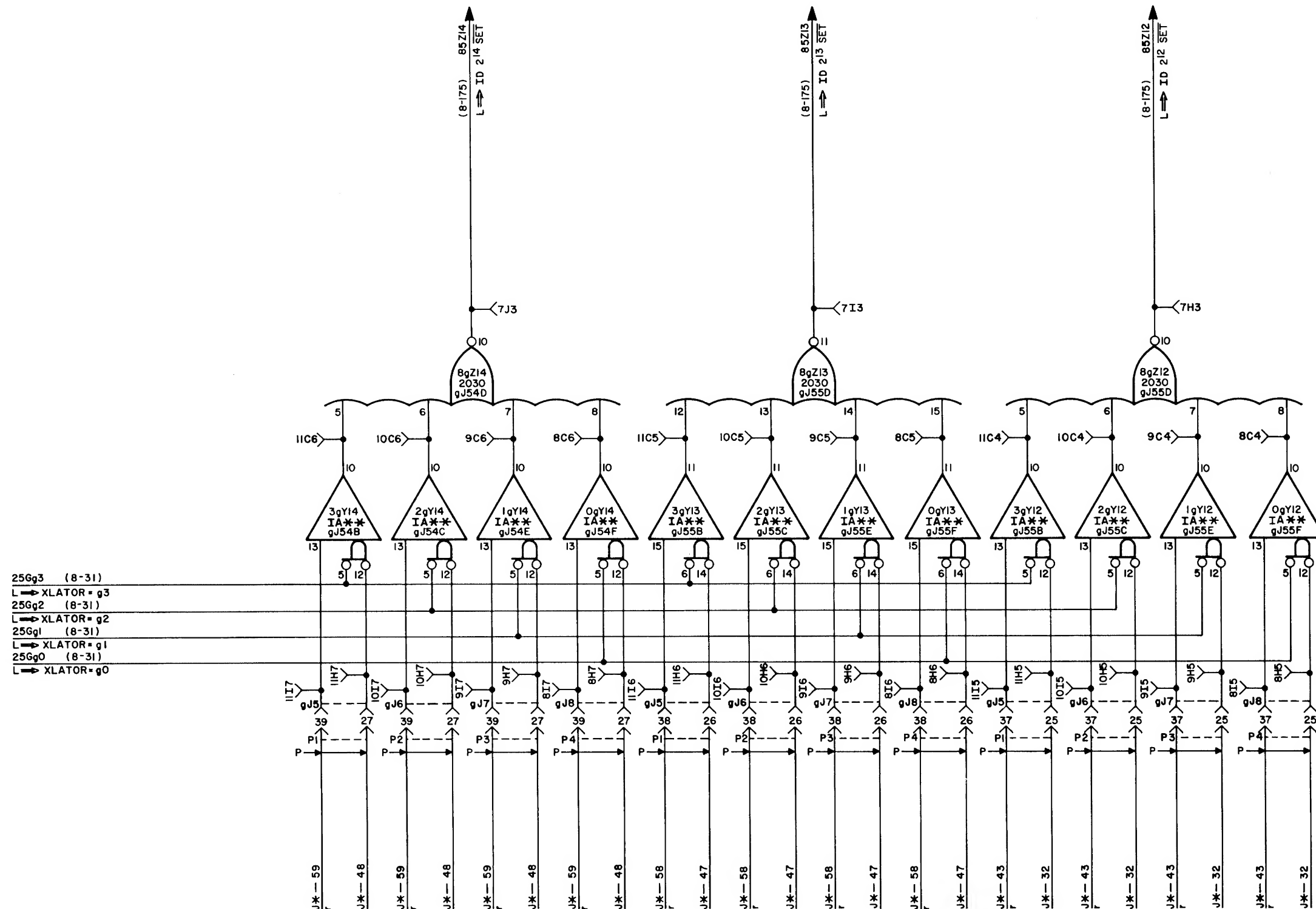


FIGURE 8-54

* INPUT CHANNEL	0	1	2	3	4	5	6	7	10	11	12	13	14	15	16	17
I/O JACK	27	16	4	5	28	17	6	7	18	19	8	9	20	21	10	11

** IA WILL BE A 2090 FOR SLOW INTERFACE OR A 2320 FOR FAST INTERFACE

IDENT NO. 7032606-00

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UNLESS OTHERWISE SPECIFIED		LAYOUT		DATE	CLASS	UNIVAC	
DIMENSION IN INCHES TOLERANCE ON 2 PLACE DECIMALS 3 PLACE DECIMALS ANGLES		DRAFTSMAN R.CALTON		3-16-65	A	DIVISION OF SPERRY RAND CORPORATION	
HOLE DIAMETER TOLERANCE 0 THRU .250 .003 .005 .010 .015 .020 .030 .040 .050 .060 .070 .080 .090 .100 .125 .150 .175 .200 .250 .300 .350 .400 .450 .500 .600 .700 .800 .900 1.000 1.125 1.250 1.500 1.750 2.000 2.500 3.000 3.500 4.000 4.500 5.000 6.000 7.000 8.000 9.000 10.000		CHECKER B. POPOV		9-15-65		TITLE	
THREADS EXCEPT DIA. INT CL 2B		ENGINEER R. OULICKY		9-15-65		FUNCTIONAL SCHEMATIC, INPUT DATA AMPS STAGES 12-14	
MATERIAL		APPROVAL R. Oulicky		9-15-65		CODE IDENT NO. 90536	
FINISH						SIZE D	
NEXT ASST						DWG NO. 7032606	
EQUIPMENT						SCALE	
APPLICATION						SHEET 1 OF 1	
COMMODITY CODE							

REVISIONS					
SYM	ZONE	EIR	DESCRIPTION	CHK	DATE
A		71686	SEE EIR		11/14/65

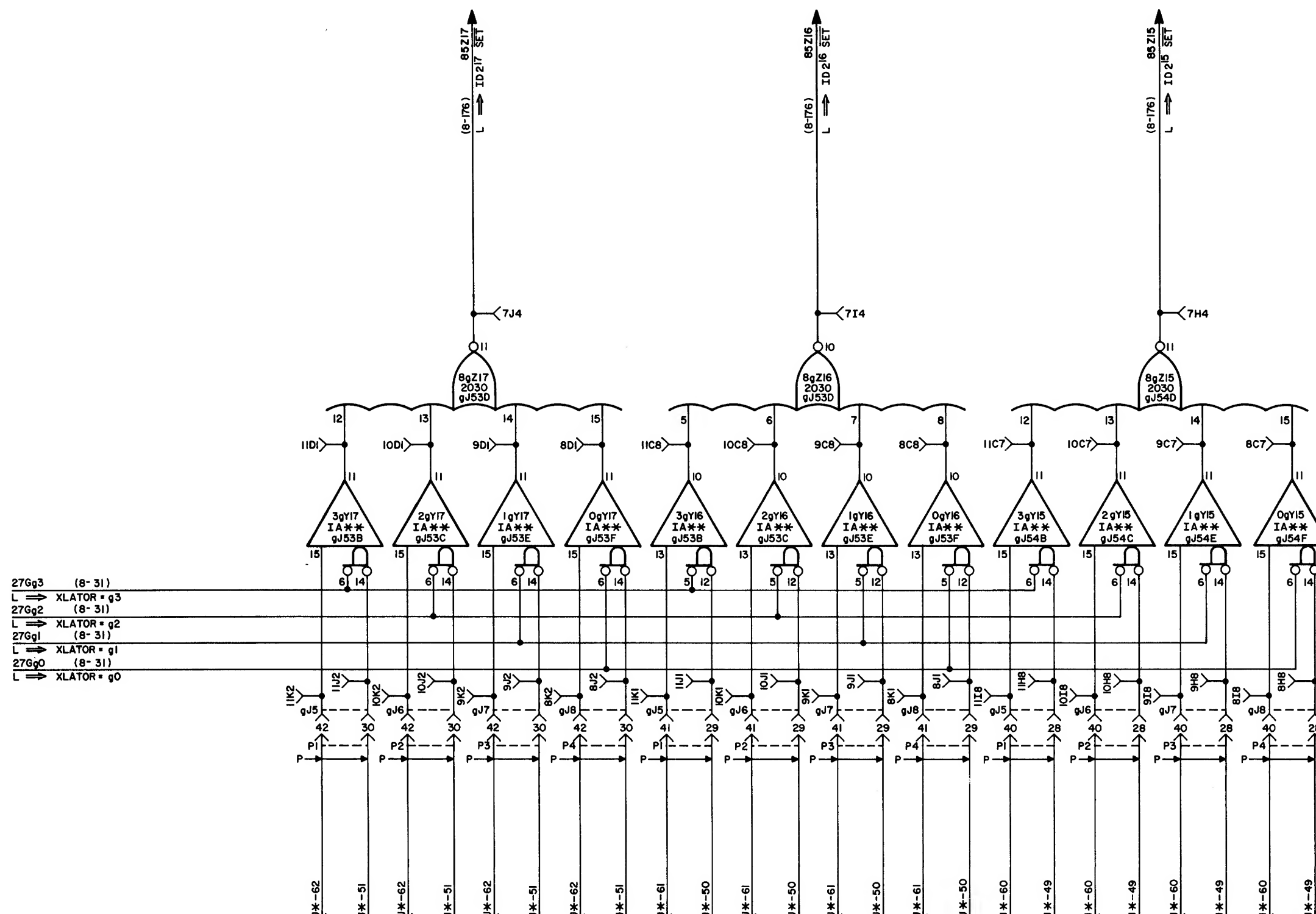


FIGURE 8-55

* INPUT CHANNEL	0	1	2	3	4	5	6	7	10	11	12	13	14	15	16	17
I/O JACK	27	16	4	5	28	17	6	7	18	19	8	9	20	21	10	11

** IA WILL BE A 2090 FOR SLOW INTERFACE OR A 2320 FOR FAST INTERFACE.

IDENT NO. 7032607-00

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HOLE DIAMETER TOLERANCE		0 THRU .250		.251 THRU .500		.501 & LARGER	
+ .003		+ .005		+ .010		+ .015	
- .002		- .003		- .005		- .010	
THREADS EXCEPT 28		INT CL 28					
MATERIAL		FINISH					
NEXT ASSY		EQUIPMENT					
APPLICATION							
COMMODITY CODE							
LAYOUT		DATE		CLASS		TITLE	
DRAFTSMAN		3-17-65		A		UNIVAC	
CHECKER		B. POPOV				FUNCTIONAL SCHEMATIC, INPUT DATA AMPS STAGES 15-17	
ENGINEER		R. OULICKY					
APPROVAL		R. Oulicky					
CODE IDENT NO.		SIZE		DWG NO.			
90536		D		7032607			
SCALE		WEIGHT		SHEET		OF 1	

REVISIONS				
SYM	ZONE	EIR	DESCRIPTION	DATE
A		71686	SEE E1R	7/2/65

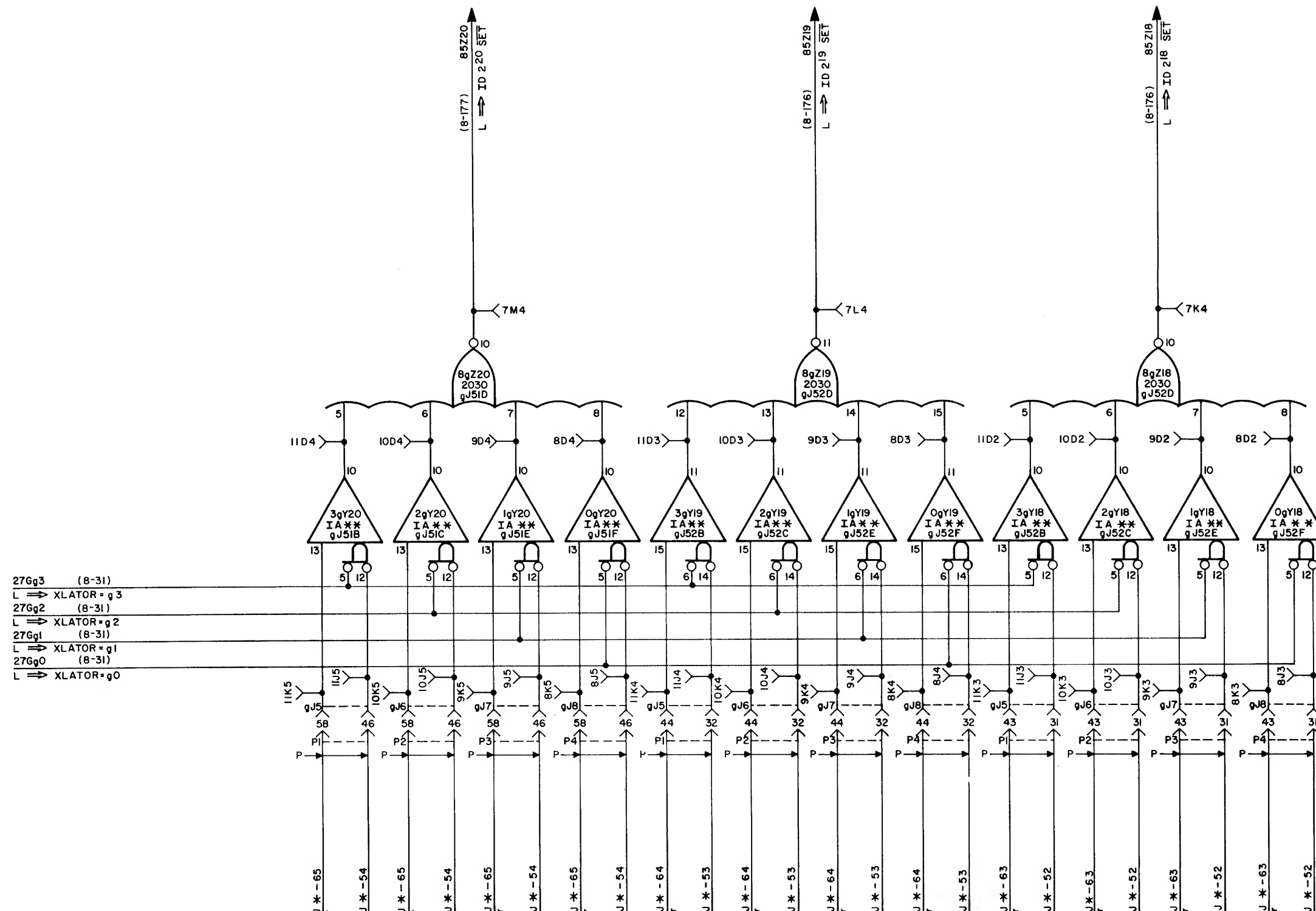


FIGURE 8-56

* INPUT CHANNEL	0	1	2	3	4	5	6	7	10	11	12	13	14	15	16	17
I/O JACK	27	16	4	5	28	17	6	7	18	19	8	9	20	21	10	11

** IA WILL BE A 2090 FOR SLOW INTERFACE OR A 2320 FOR FAST INTERFACE.

IDENT NO. 7032608-00

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UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES. TOLERANCE ON 2 PLACE DECIMALS .005 3 PLACE DECIMALS .001 HOLE DIAMETER TOLERANCE 0 THRU .250 .001 THRU .500 .001 & LARGER +.003 -.002 THREADS: EXCEPT AS NOTED MATERIAL FINISH		LAYOUT DRAFTSMAN R. CALTON CHECKER B. POPOV ENGINEER R. OULICKY APPROVAL R. OULICKY	DATE 3-17-65	CLASS A	TITLE FUNCTIONAL SCHEMATIC, INPUT DATA AMPS STAGES 18-20
LIST OF MATERIAL		CODE IDENT NO. 90536			
SIZE D		OWG NO. 7032608			
SCALE		SHEET 1 OF 1			

REVISIONS				
SYM	ZONE	EIR	DESCRIPTION	CHK DATE APPROVED
A		71686	SEE EIR	10/10/65 H.H.H.

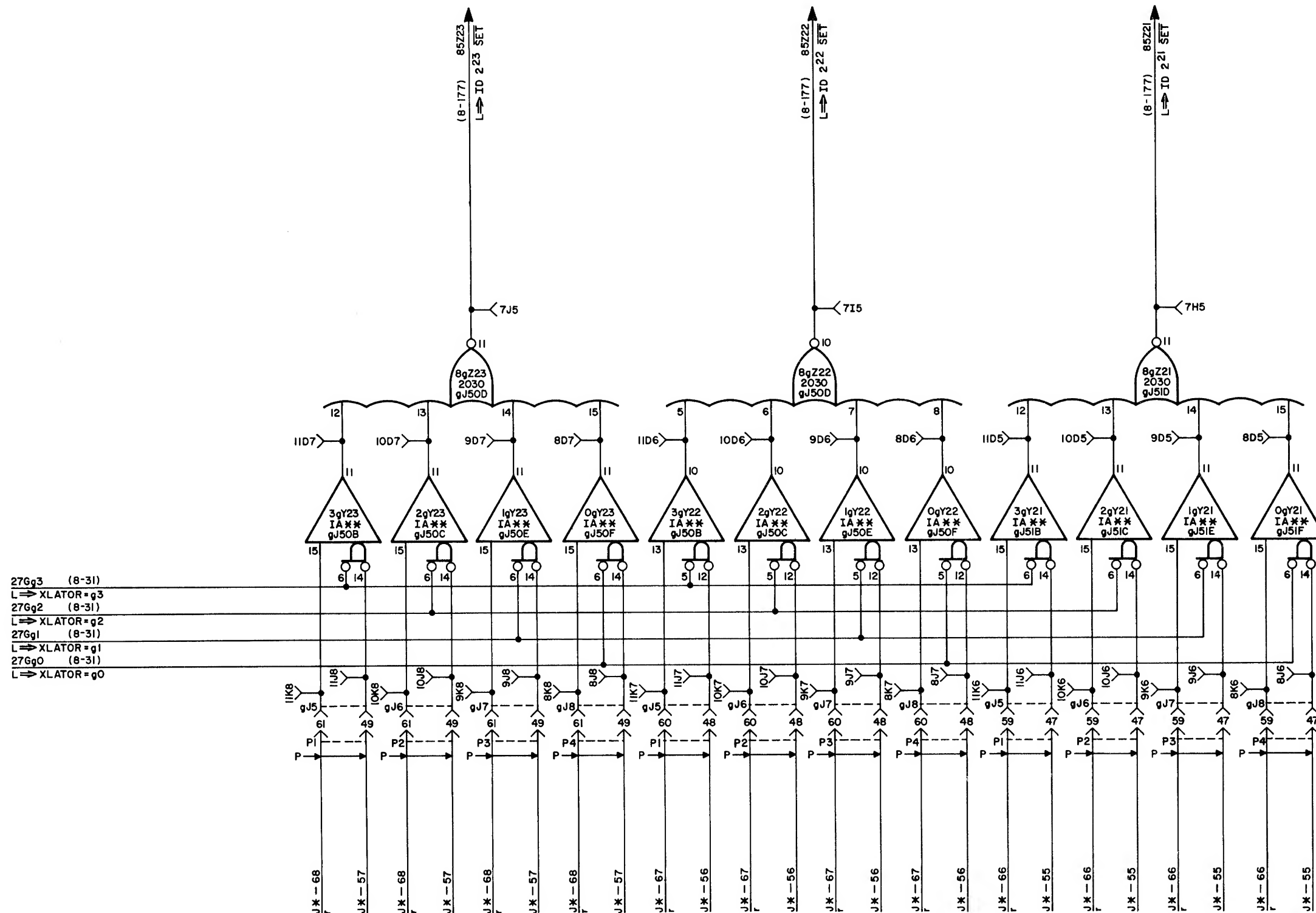


FIGURE 8-57

* INPUT CHANNEL	0	1	2	3	4	5	6	7	10	11	12	13	14	15	16	17
I/O JACK	27	16	4	5	28	17	6	7	18	19	8	9	20	21	10	11

** IA WILL BE A 2090 FOR SLOW INTERFACE OR A 2320 FOR FAST INTERFACE.

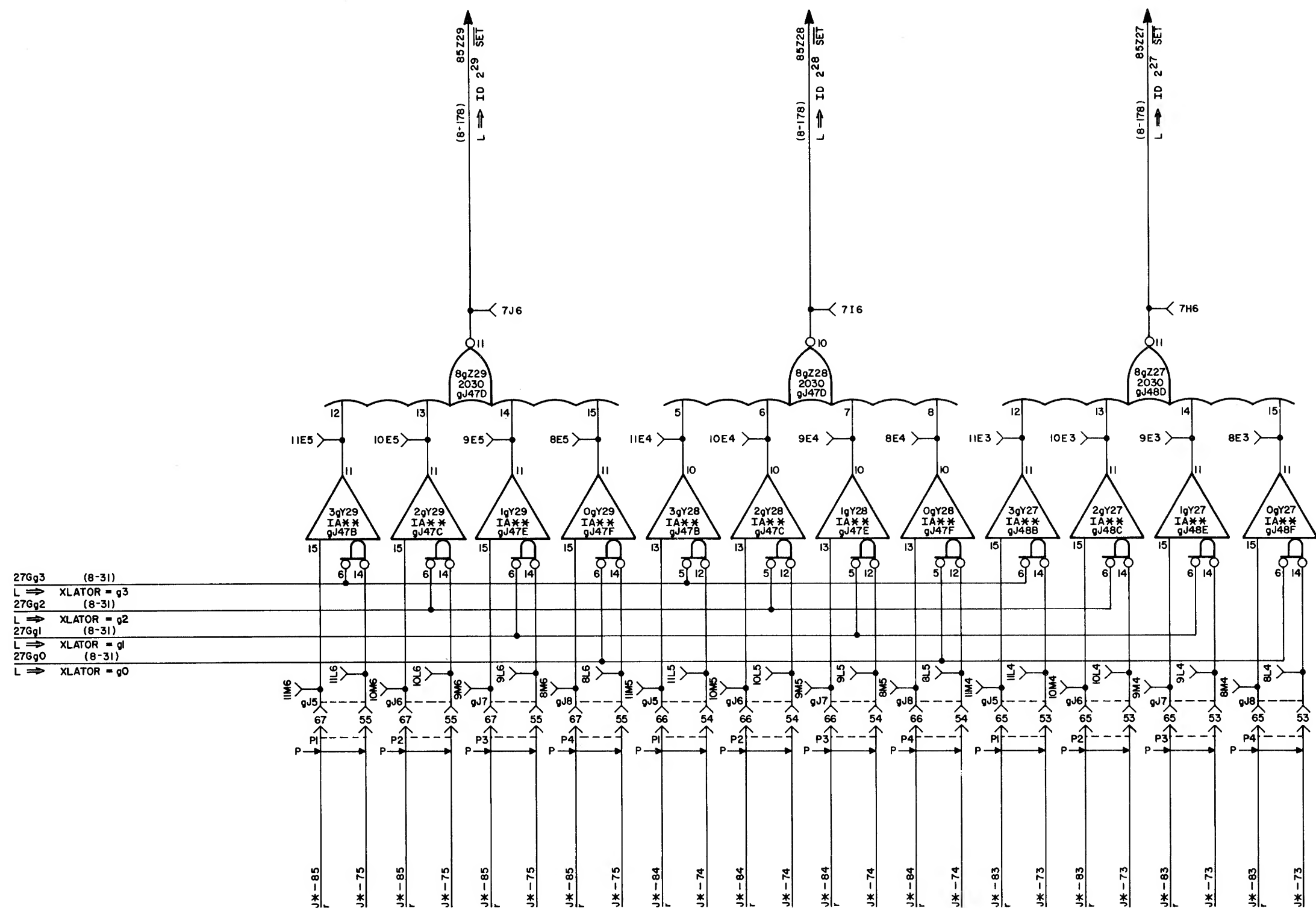
IDENT NO. 7032609-00

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UNLESS OTHERWISE SPECIFIED		LAYOUT		DATE		CLASS	
DIMENSION IN INCHES TOLERANCE ON 2 PLACE DECIMALS		DRAFTSMAN		3-18-65		A	
HOLD DIAMETER TOLERANCE		R.CALTON				UNIVAC	
0 THRU .250 ± .003		CHECKER		B. POPOV		DIVISION OF SPERRY RAND CORPORATION	
.251 THRU .500 ± .003		ENGINEER		R. OULICKY			
.501 & LARGER ± .010		APPROVAL		[Signature]			
THREADS EXCEPT CL 2A, INT CL 2B		COMMODITY CODE					
MATERIAL		FINISH					
LIST OF MATERIAL		TITLE		FUNCTIONAL SCHEMATIC, INPUT DATA AMPS STAGES 21-23			
QTY REQD		FIND		REF DES		CODE IDENT	
SIZE		PART OR IDENTIFYING NO.		NOMENCLATURE OR DESCRIPTION			
90536		D		7032609			
SCALE		WEIGHT		SHEET 1 OF 1			

REVISIONS				
SYM	ZONE	EIR	DESCRIPTION	CHK DATE APPROVED
A		71686	SEE EIR	8/24/65 M.M.



27Gg3 (8-31)
 L → XLATOR = g3
 27Gg2 (8-31)
 L → XLATOR = g2
 27Gg1 (8-31)
 L → XLATOR = g1
 27Gg0 (8-31)
 L → XLATOR = g0

FIGURE 8-59

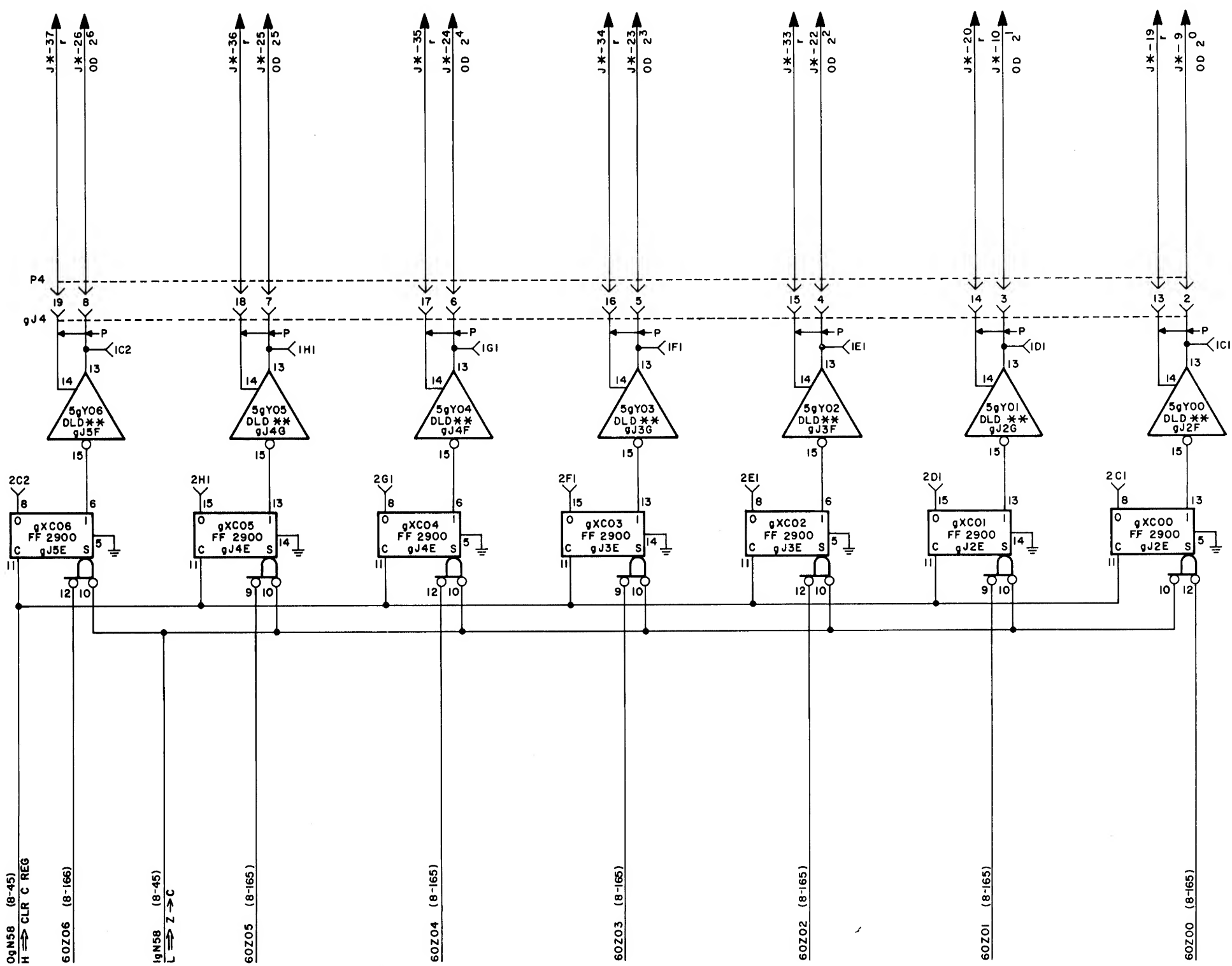
* INPUT CHANNEL	0	1	2	3	4	5	6	7	10	11	12	13	14	15	16	17
I/O JACK	27	16	4	5	28	17	6	7	18	19	8	9	20	21	10	11

** IA WILL BE A 2090 FOR SLOW INTERFACE OR A 2320 FOR FAST INTERFACE.

IDENT NO. 7032611-00

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UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES. TOLERANCE ON 2 PLACE DECIMALS ± .005 3 PLACE DECIMALS ± .001 ANGLES ± .010 HOLE DIAMETER TOLERANCE 0 THRU .250 ± .005 .251 THRU .500 ± .010 .501 & LARGER ± .015 THREADS: EXCEPT AS NOTED, UNF 2B		LAYOUT DRAFTSMAN R. CALTON		DATE 3-18-65	CLASS A
MATERIAL FINISH		CHECKER B. POPOV		TITLE FUNCTIONAL SCHEMATIC, INPUT DATA AMPS STAGES 27-29	
NEXT ASSY EQUIPMENT APPLICATION COMMODITY CODE		ENGINEER R. OULICKY		CODE IDENT NO. 90536	
		APPROVAL <i>[Signature]</i>		SIZE D	DWG NO. 7032611
		SCALE		WEIGHT	SHEET 1 OF 1



REVISIONS				
REV	DATE	DESCRIPTION	CHK	APPROVED

FIGURE 8-60

* OUTPUT CHANNEL	0	1	2	3	4	5	6	7	10	11	12	13	14	15	16	17
I/O JACK	29	30	31	32	33	34	35	36	23	24	25	26	12	13	14	15

** DLD WILL BE A 2140 FOR SLOW INTERFACE OR A 2340 FOR FAST INTERFACE.

IDENT NO. 7032626-00

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UNIVAC		DIVISION OF ELECTRONIC RESEARCH	
TITLE		FUNCTIONAL SCHEMATIC, C REGISTER BITS 00-06	
DESIGNER	V. STEEBER	DATE	3-17-65
CHECKER	B. POPOV	DATE	9-15-65
ENGINEER	R. OULICKY	DATE	9-15-65
APPROVAL	[Signature]		
CODE IDENT NO.	90536	SIZE	D
DWG NO.	7032626		
SCALE	SHEET 1 OF 1		

REVISIONS				
SYM	DATE	DESCRIPTION	CHK	APPROVED

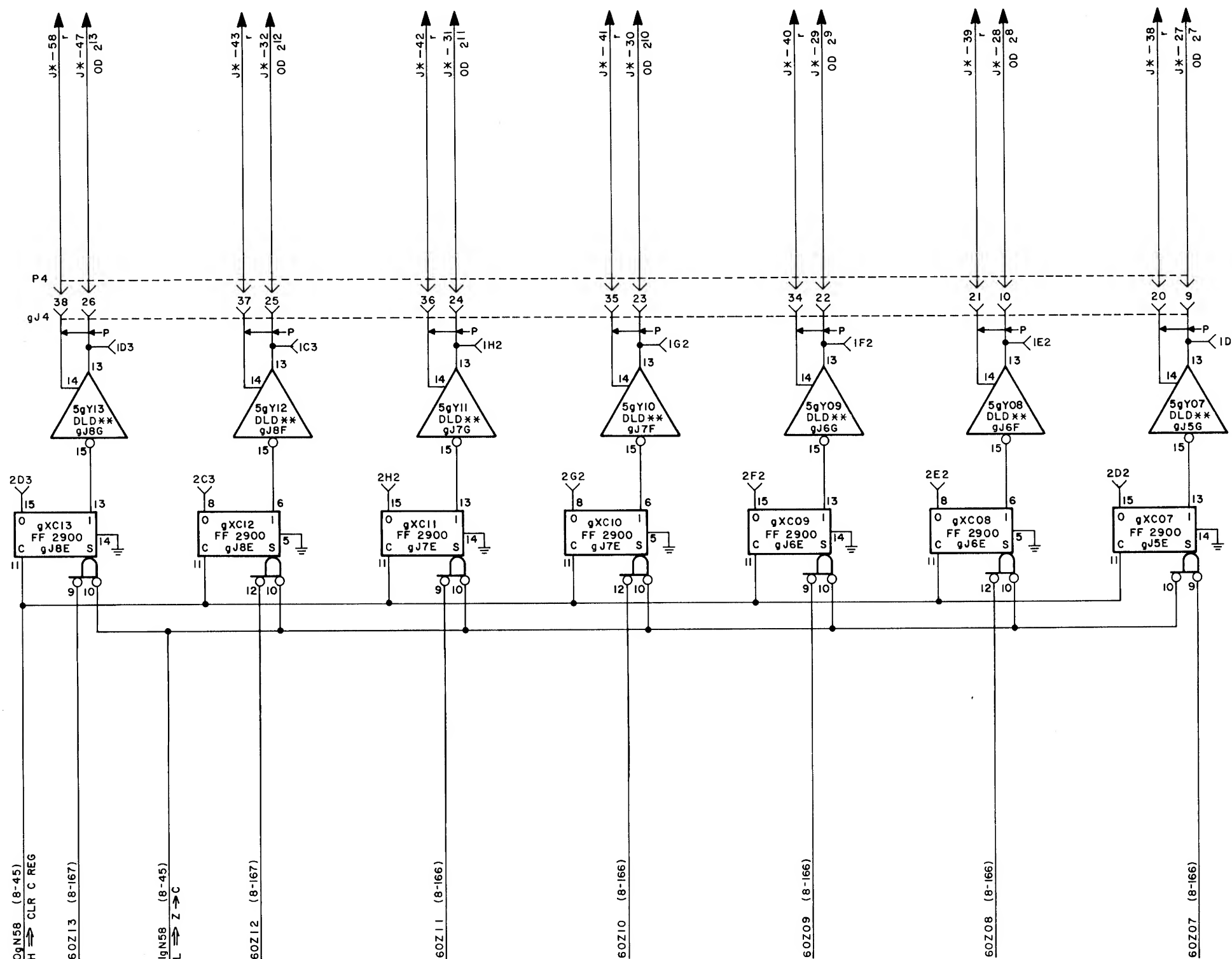


FIGURE 8-61

* OUTPUT CHANNEL	0	1	2	3	4	5	6	7	10	11	12	13	14	15	16	17
I/O JACK	29	30	31	32	33	34	35	36	23	24	25	26	12	13	14	15

** DLD WILL BE A 2140 FOR SLOW INTERFACE OR A 2340 FOR FAST INTERFACE.

IDENTI NO. 7032627-00

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QTY REQD	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99
DATE	3-17-65		CLASS		A		TITLE		FUNCTIONAL SCHEMATIC, C REGISTER BITS 07-13		CODE IDENT NO.		90536		SIZE		D		DWG NO.		7032627		SCALE		WEIGHT		SHEET		OF		1																																																																				

REVISIONS				
REV	DATE	DESCRIPTION	APP'D	DATE
1				

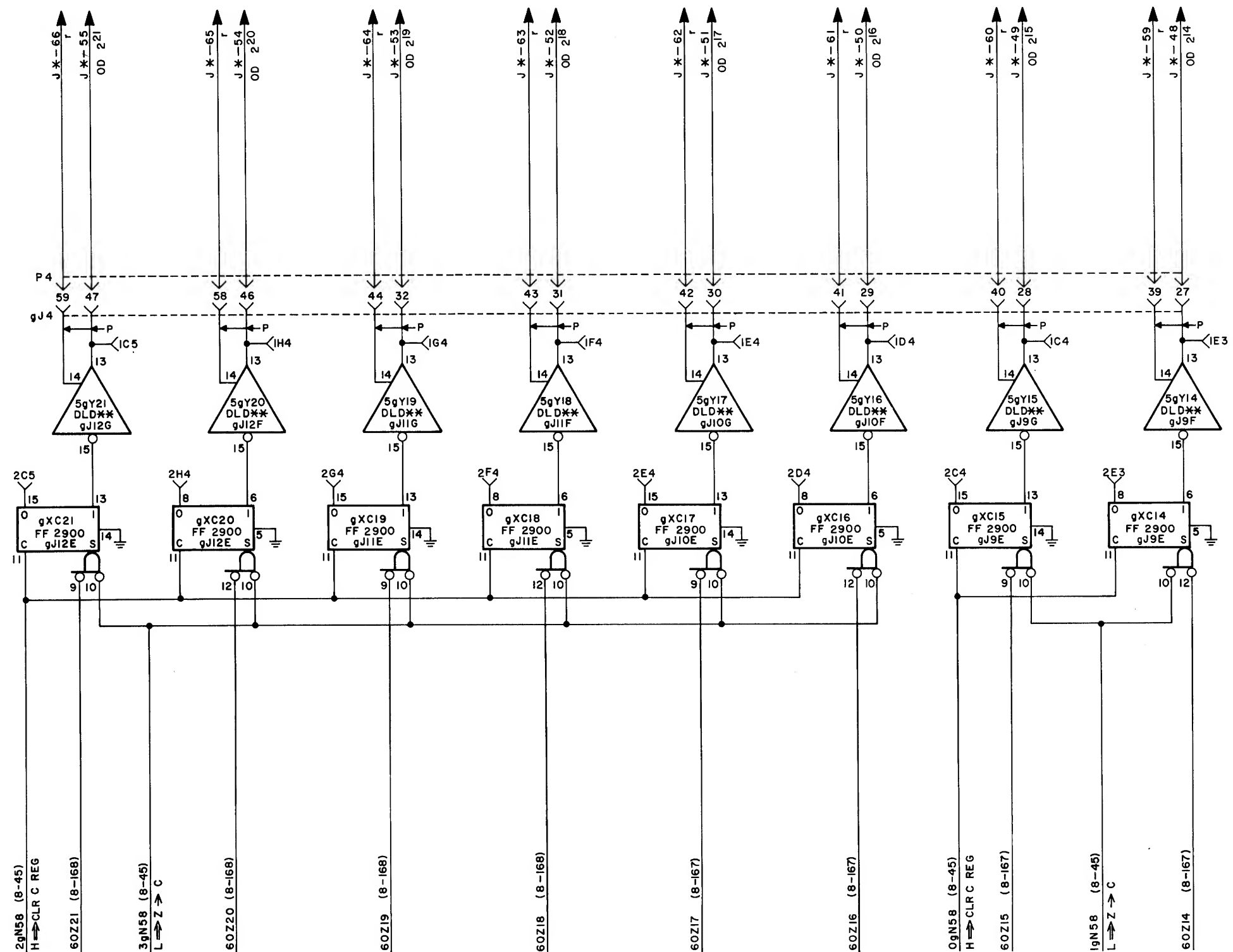


FIGURE 8-62

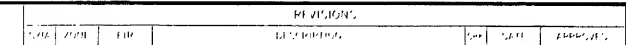
* OUTPUT CHANNEL	0	1	2	3	4	5	6	7	10	11	12	13	14	15	16	17
I/O JACK	29	30	31	32	33	34	35	36	23	24	25	26	12	13	14	15

** DLD WILL BE A 2140 FOR SLOW INTERFACE OR A 2340 FOR FAST INTERFACE.

IDENT NO. 7032649-00

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QTY REQD		FIND	REF DES	CODE IDENT	DWG SIZE	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION
LIST OF MATERIAL							
UNLESS OTHERWISE SPECIFIED		DIMENSIONS IN INCHES TOLERANCE		DATE		CLASS	
FRACTIONS		DECIMALS		3-18-65		A	
HOLE DIAMETER TOLERANCE		HOLE DIAMETER TOLERANCE		DRAFTSMAN		V. STEEBER	
0 THRU .250		.003		CHECKER		B. POPOV	
.251 THRU .500		.005		ENGINEER		R. OULICKY	
.501 & LARGER		.010		APPROVAL		[Signature]	
THREADED EXCEPT AS NOTED		.005		COMMODITY CODE			
FINISH				APPLICATION			
				NEXT ASSY			
				EQUIPMENT			
				MATERIAL			
				FINISH			
				TITLE		FUNCTIONAL SCHEMATIC, C REGISTER BITS 14-21	
				CODE IDENT NO.		90536	
				SIZE		D	
				DWG NO.		7032649	
				SCALE			
				WEIGHT			
				SHEET		OF 1	



QTY REQD	UNIT	REL. DES	CODE IDENT	DWG SIZE	PART OR IDENTIFYING NO	NOMENCLATURE OR DESCRIPTION
LIST OF MATERIAL						
DATE		CLASS	UNIVAC			
3-10-65		A	DIVISION OF SPIRIT RACE CORPORATION			
TITLE		FUNCTIONAL SCHEMATIC, C REGISTER BITS 22-29				
CODE IDENT NO		SIZE	DWG NO.			
90536		D	7032650			
SCALE		WEIGHT		SHEET OF		

** DLD WILL BE A 2140 FOR SLOW INTERFACE OR A 2340 FOR FAST INTERFACE

IDENT NO. 7032650-00

THEY DISMISSED the charge that, as the defense attorneys said, the evidence was "incomplete" and "inconsistent" and "inadequate" to support the conviction. The jury had

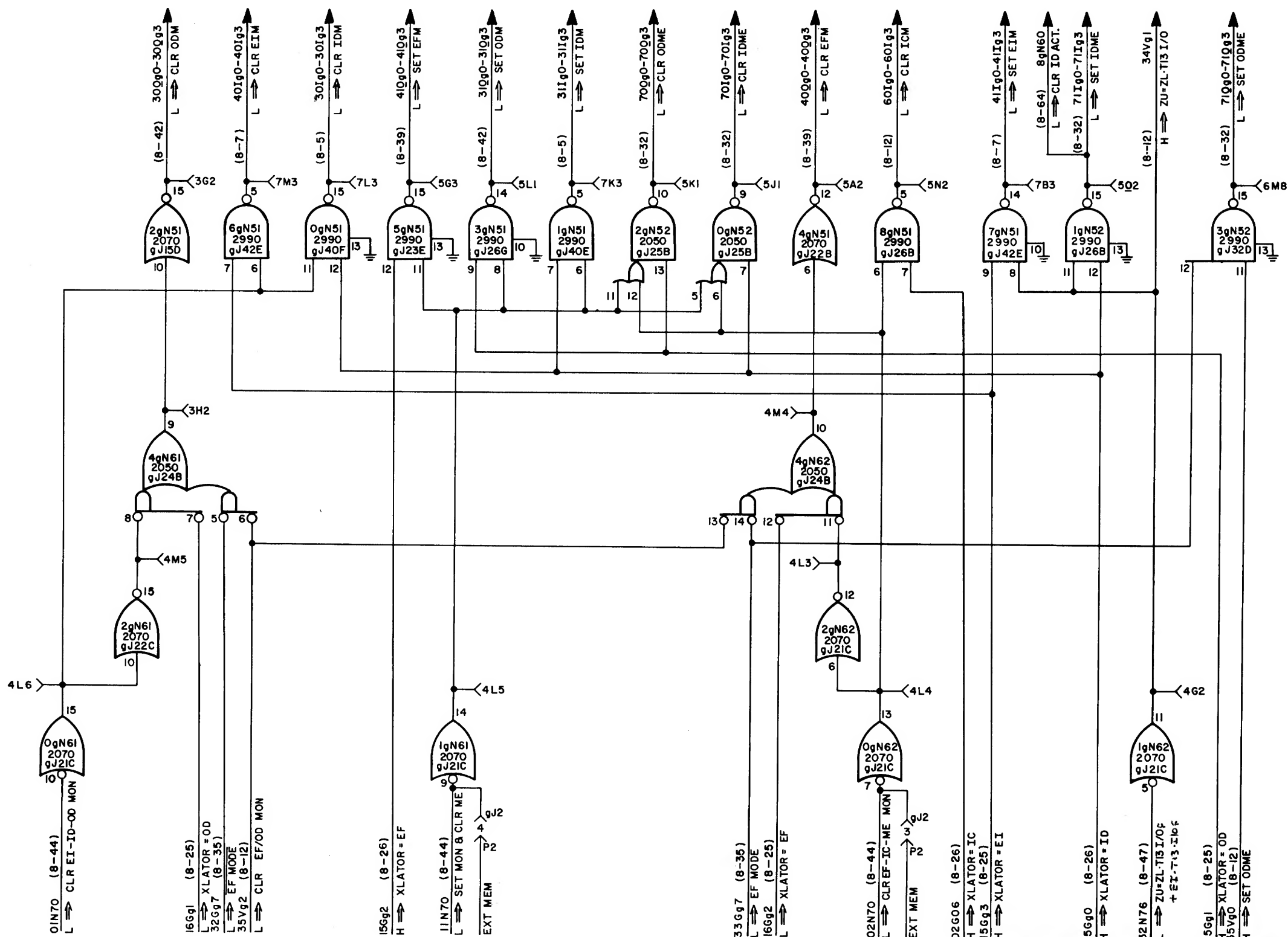


FIGURE 8-65

IDENT NO. 7075164-00

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UNLESS OTHERWISE SPECIFIED	FINISH
DIMENSION IN INCHES, TOLERANCE ON 2 PLACE DECIMALS	2 PLACE DECIMALS
HOLE DIAMETER TOLERANCE	0 THRU .250 +.003
	.251 THRU .500 +.005
	.501 & LARGER +.010
THREADS: EXT. CL. 2A, INT. CL. 2B	
MATERIAL	
APPLICATION	
COMMODITY CODE	

QTY REQD	FIND	REF DES	CODE IDENT	DWG SIZE	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION
LIST OF MATERIAL						
LAYOUT			DATE	CLASS	UNIVAC	
DRAFTSMAN			12-7-66	A	DIVISION OF SPERRY RAND CORPORATION	
E. BICKETT					TITLE	
CHECKER					FUNCTIONAL SCHEMATIC, MONITOR CONTROL	
B. POPOV			5-31-61			
ENGINEER						
J. LAMBING			5-31-61			
APPROVAL						
[Signature]						
CODE IDENT NO.		SIZE	DWG NO.			
90536		D	7075164			
SCALE		WEIGHT	SHEET 1 OF 1			

QTY REQD	FIND	REF DES	CODE IDENT	OWNG SIZE	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION
LIST OF MATERIAL						
		DATE	CLASS A	UNIVAC <small>DIVISION OF SPERRY RAND CORPORATION</small>		
N BUCKETT		12-7-66	TITLE	FUNCTIONAL SCHEMATIC, CDM AND PRIORITY CONTROL		
POPOV		3-31-67				
LAMBING		3-31-67				
<i>Sublet</i>		3-31-67	CODE IDENT NO.	SIZE	OWNG NO.	
			90536	D	7075165	
			SCALE	WEIGHT	SHEET	OF

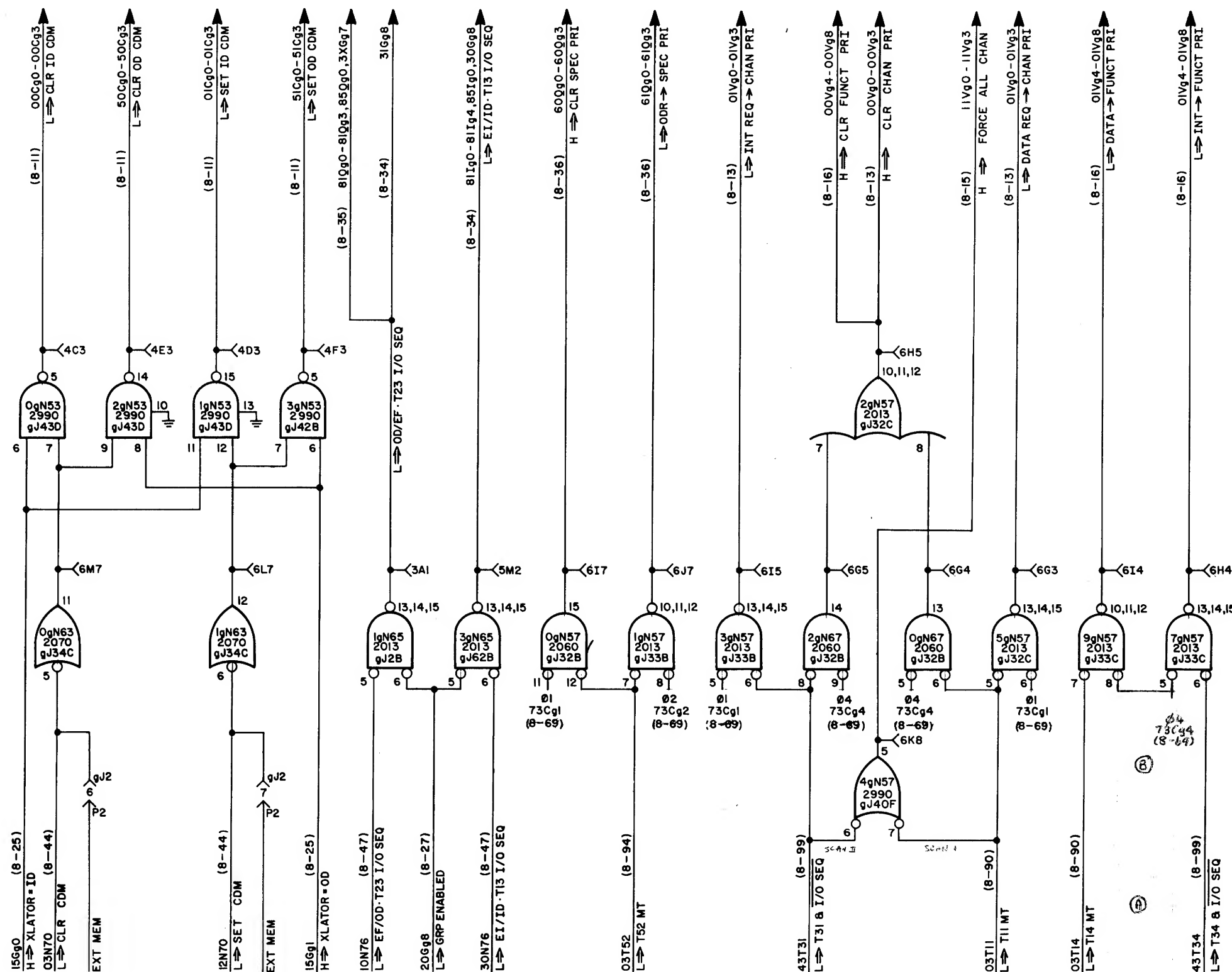


FIGURE 8-66

IDENT NO. 7075165-00

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REVISIONS				
REV	DATE	DESCRIPTION	CHK	APPROVED
A	77399	SEE EIR	4-22-66	BAP

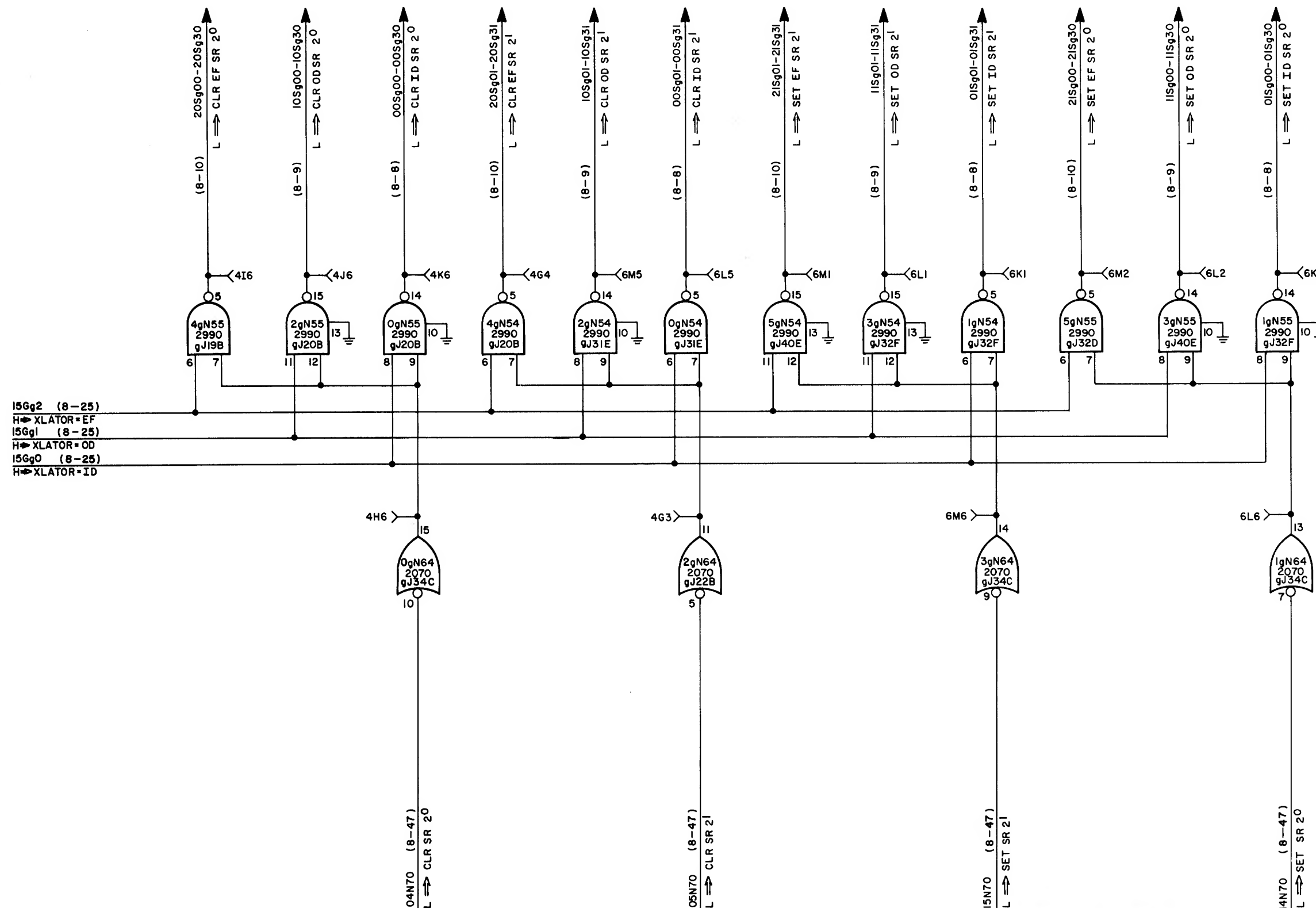
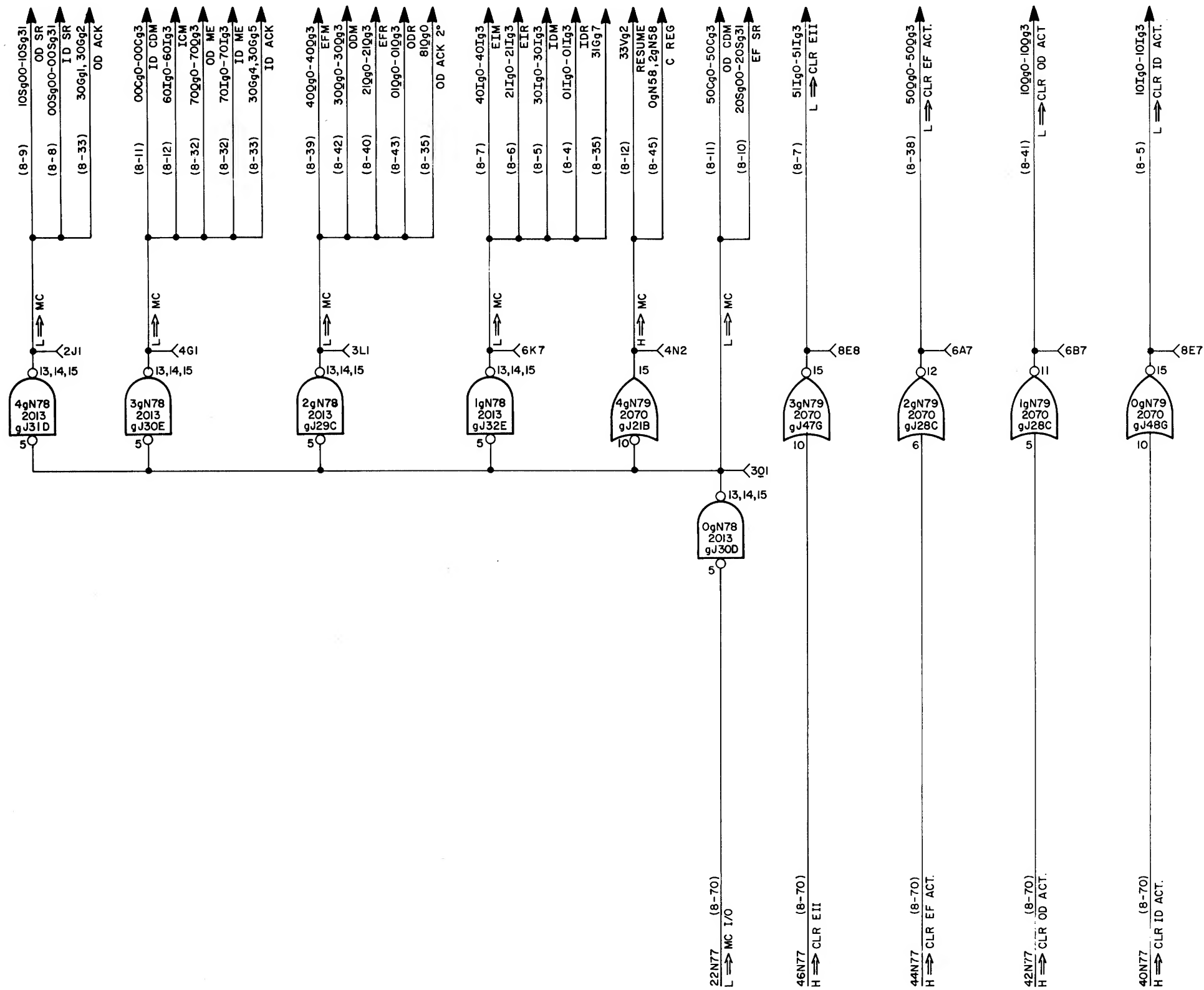


FIGURE 8-67

IDENT NO. 7032620-00

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APPROVAL		DATE		CLASS	
DRAFTSMAN R. CALTON		3-1-65		A	
CHECKER B. POPOV		B.P. 2-15-65		TITLE FUNCTIONAL SCHEMATIC, SR CONTROL	
ENGINEER R. OULICKY		R.O. 2-15-65		CODE IDENT NO. 90536	
APPROVAL R.O. 2-15-65		15-65		SIZE D	
DWG NO. 7032620		SCALE		WEIGHT	
SHEET 1 OF 1					



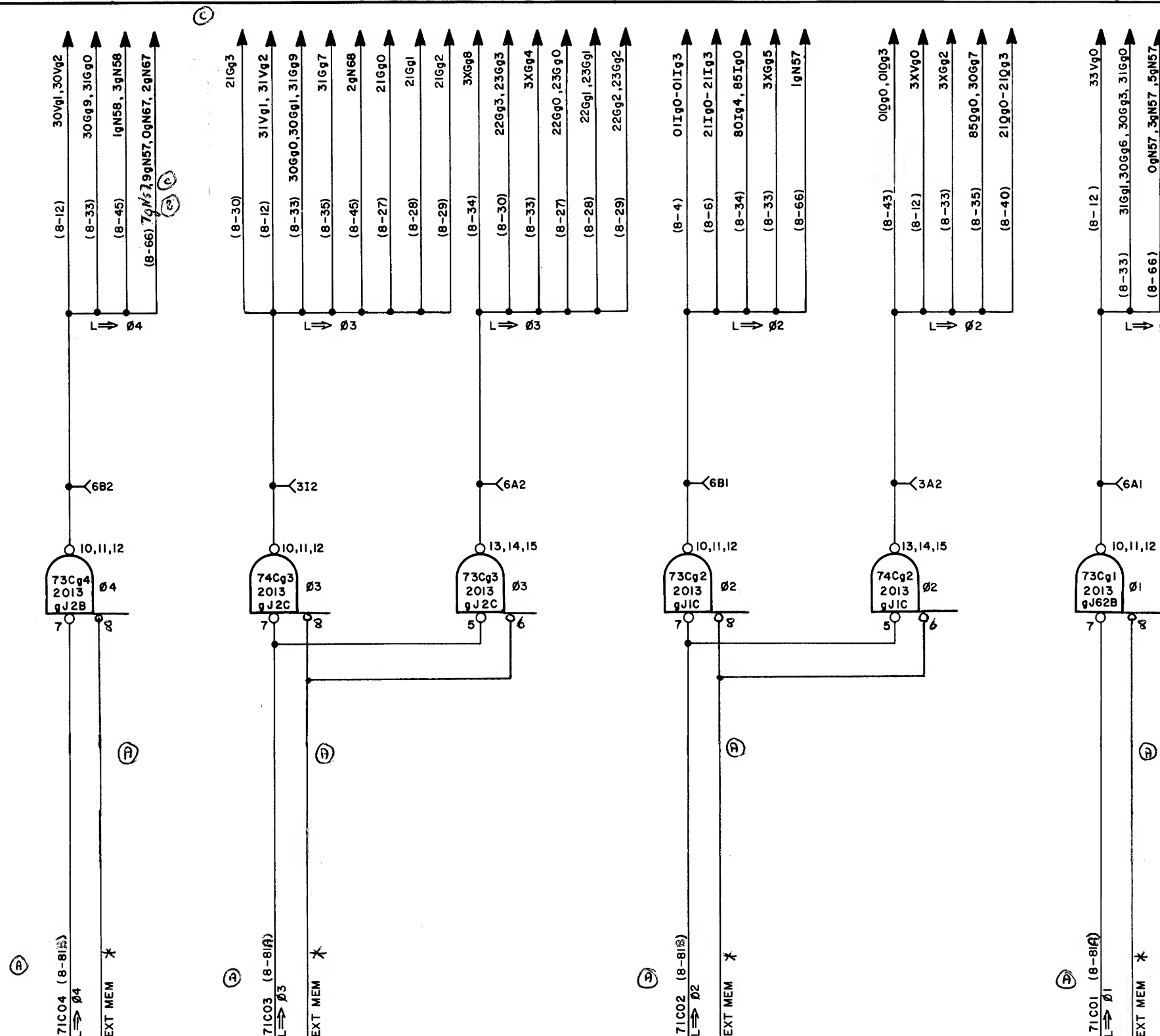
REVISIONS				
SYM	ZONE	EIR	DESCRIPTION	CHK DATE APPROVED
A		77402	SEE EIR	21-1-66 BNP

FIGURE 8-68

IDENT NO 7032734-00

APPROVED		DATE	CLASS	LIST OF MATERIAL	
R. CALTON		4-7-65	A	UNIVAC	
B. POPOV		9-1-65		FUNCTIONAL SCHEMATIC, I/O CLEAR LOGIC	
R. OULICKY		9-1-65			
APPROVAL		9-1-65			
CODE IDENT NO		SIZE	DWG NO		
90536		D	7032734		
SCALE		WEIGHT	SHEET	OF 1	

REVISIONS				
SYM	ZONE	EIR	DESCRIPTION	DATE
A	3508		COMPUTER TIMING CORRECTION.	
B	3557		CHP IIC TIO INTERRUPT CORRECTION	
C	3557A		CHP IIC TIO INTERRUPT CORRECTION.	



* USED ONLY WHEN CHASSIS IN EMU.

FIGURE 8-69

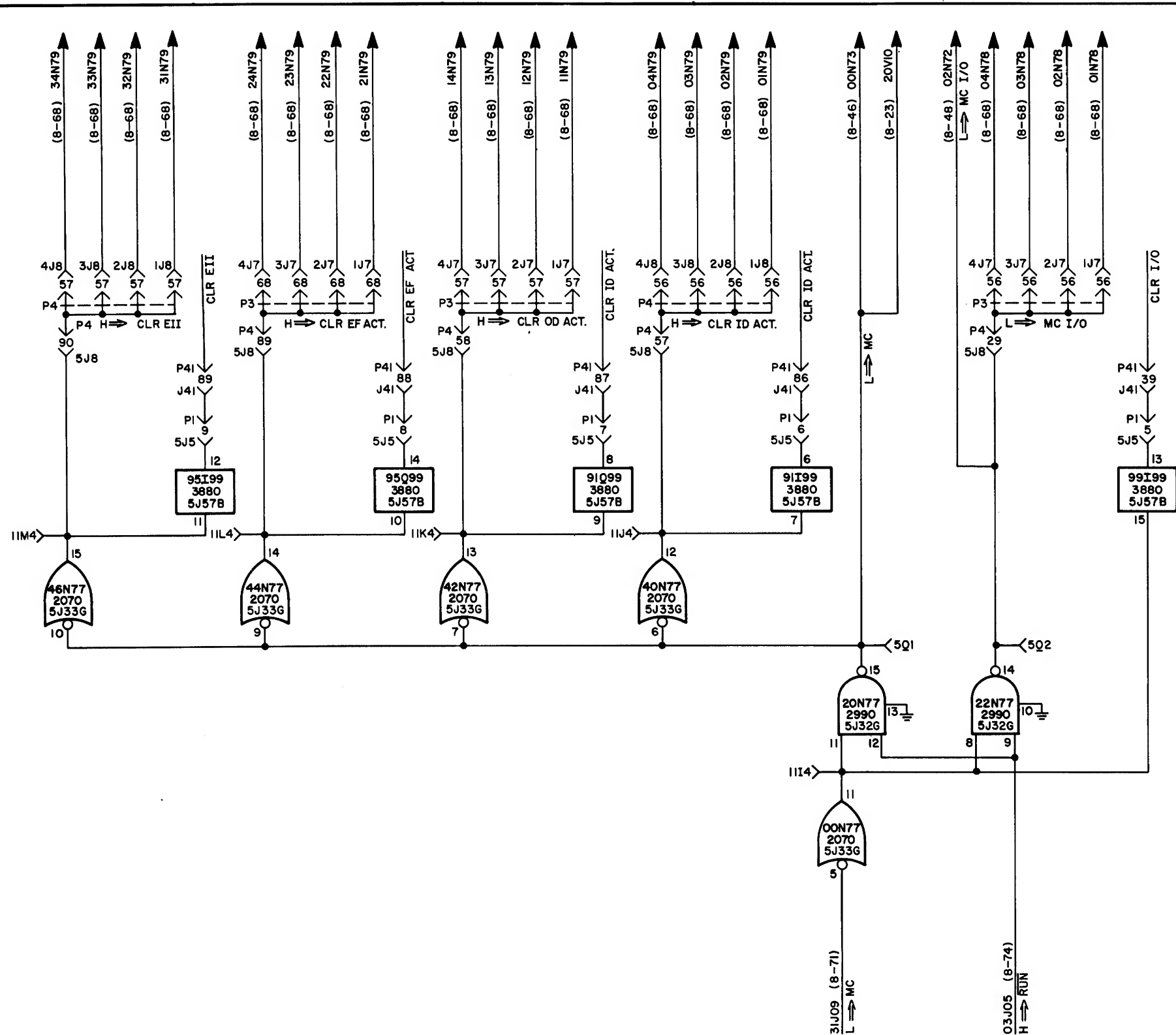
IDENT NO. 7075166-00

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UNLESS OTHERWISE SPECIFIED		
DIMENSION IN INCHES	TOLERANCE ON	
2 PLACE DECIMALS	3 PLACE DECIMALS	ANGLES
±	±	±
HOLE DIAMETER TOLERANCE		
0 THRU .250	.251 THRU .500	.501 & LARGER
+ .003	+ .003	+ .010
-.002	-.003	-.005
THREADS: EXT. CL. 2A, INT. CL. 2B		
MATERIAL		
FINISH		
APPLICATION		
COMMODITY CODE		

QTY REQD	FIND	REF DES	CODE IDENT	OWG SIZE	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION
LIST OF MATERIAL						
DATE			CLASS	UNIVAC		
12-7-66			A	DIVISION OF SPERRY RAND CORPORATION		
E. BICKETT			DRAFTSMAN	TITLE		
B. POPOV			CHECKER	FUNCTIONAL SCHEMATIC, I/O CLOCK DRIVERS		
J. LAMBING			ENGINEER	CODE IDENT NO.		
3-31-67			APPROVED	SIZE		
3-31-67				DWG NO.		
90536				7075166		
SCALE				WEIGHT		
				SHEET 1 OF 1		



REVISIONS				
SYM	ZONE	EIR	DESCRIPTION	DATE

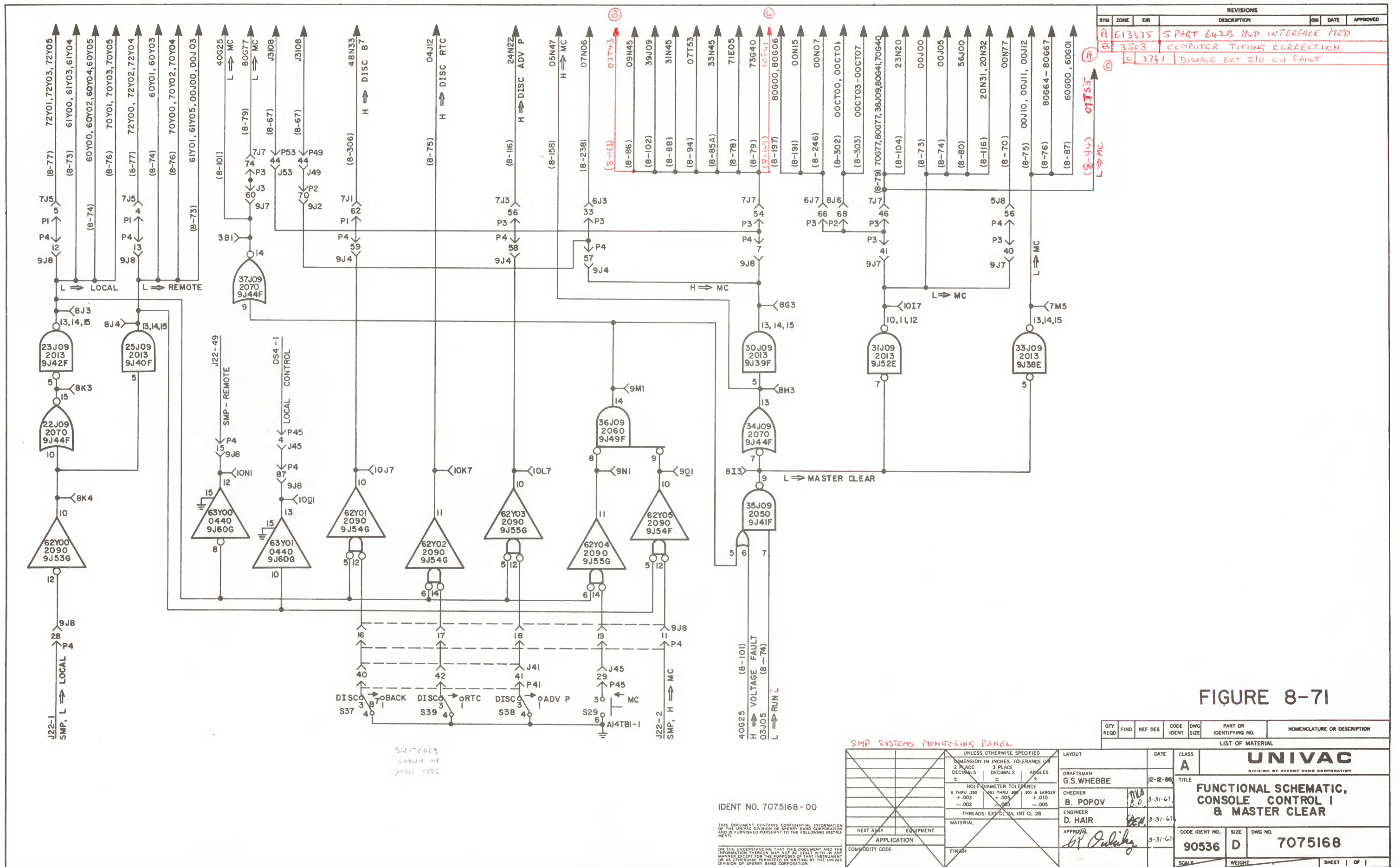
FIGURE 8-70

IDENT NO. 7075167-00

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION AND IS FURNISHED PURSUANT TO THE FOLLOWING INSTRUMENT:

ON THE UNDERSTANDING THAT THIS DOCUMENT AND THE INFORMATION THEREON MAY NOT BE DEALT WITH IN ANY MANNER EXCEPT FOR THE PURPOSES OF THAT INSTRUMENT OR AS OTHERWISE PERMITTED IN WRITING BY THE UNIVAC DIVISION OF SPERRY RAND CORPORATION.

UNLESS OTHERWISE SPECIFIED		LAYOUT		DATE		CLASS	
DIMENSION IN INCHES, TOLERANCE OR 2 PLACE DECIMALS		R.C. PETERSON		12-9-66		A	
HOLE DIAMETER TOLERANCE		CHECKER		5-8-67		TITLE	
0 THRU .250 +.003 -.002		R.E. STRELNIEKS		5-8-67		FUNCTIONAL SCHEMATIC, I/O MASTER CLEAR	
.251 THRU .500 +.005 -.003		ENGINEER		5-31-67		CODE IDENT NO.	
.501 & LARGER +.010 -.005		J. LAMBING		5-31-67		SIZE	
THREADS: EXT. CL. RA, INT. CL. 2B		APPROVAL		5-31-67		DWG NO.	
MATERIAL		[Signature]				90536	
FINISH						D	
NEXT ASSY						7075167	
EQUIPMENT						SCALE	
APPLICATION						WEIGHT	
COMMODITY CODE						SHEET 1 OF 1	



REVISIONS				
SYM	ZONE	EIR	DESCRIPTION	CHK DATE APPROVED

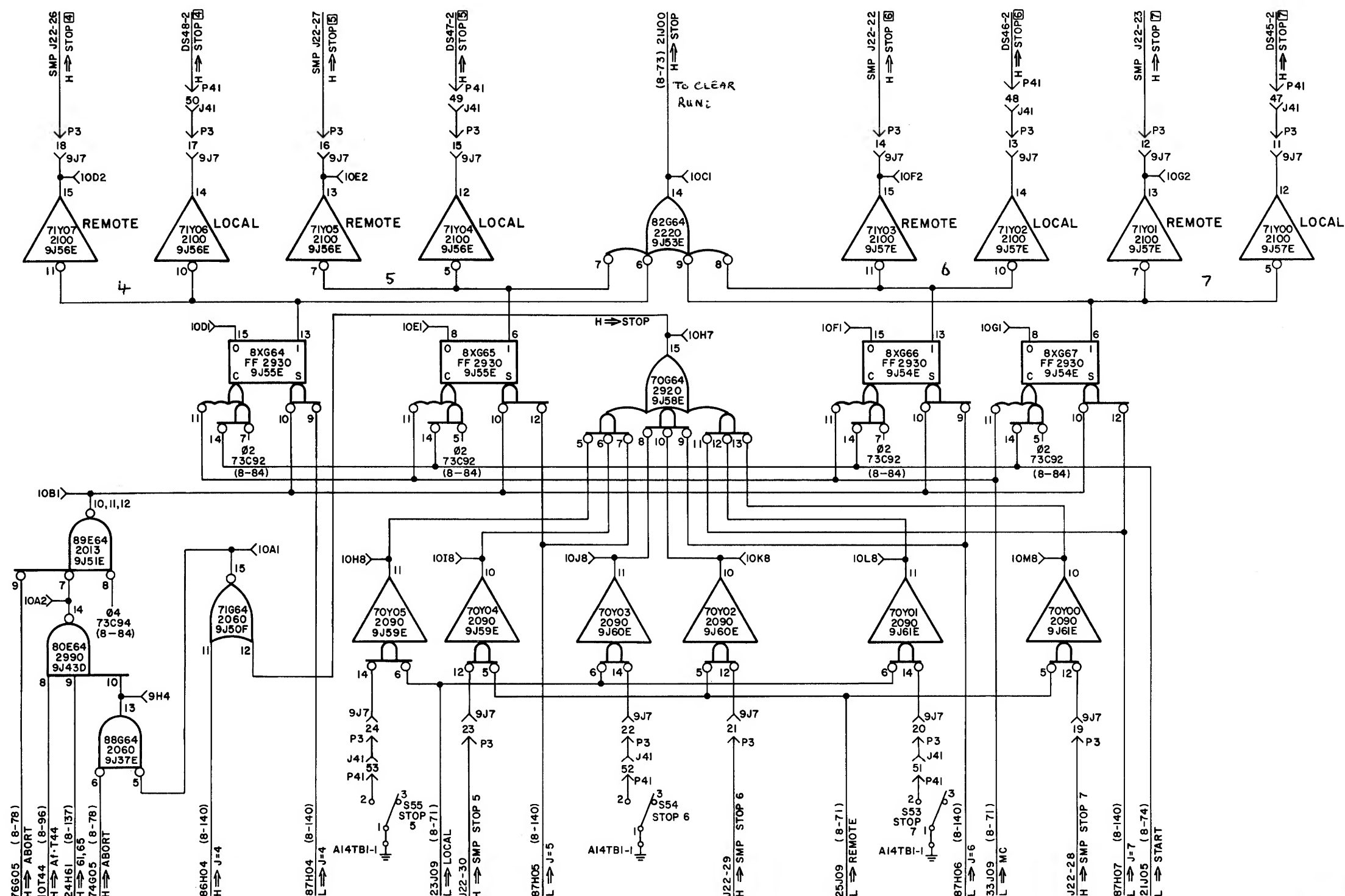


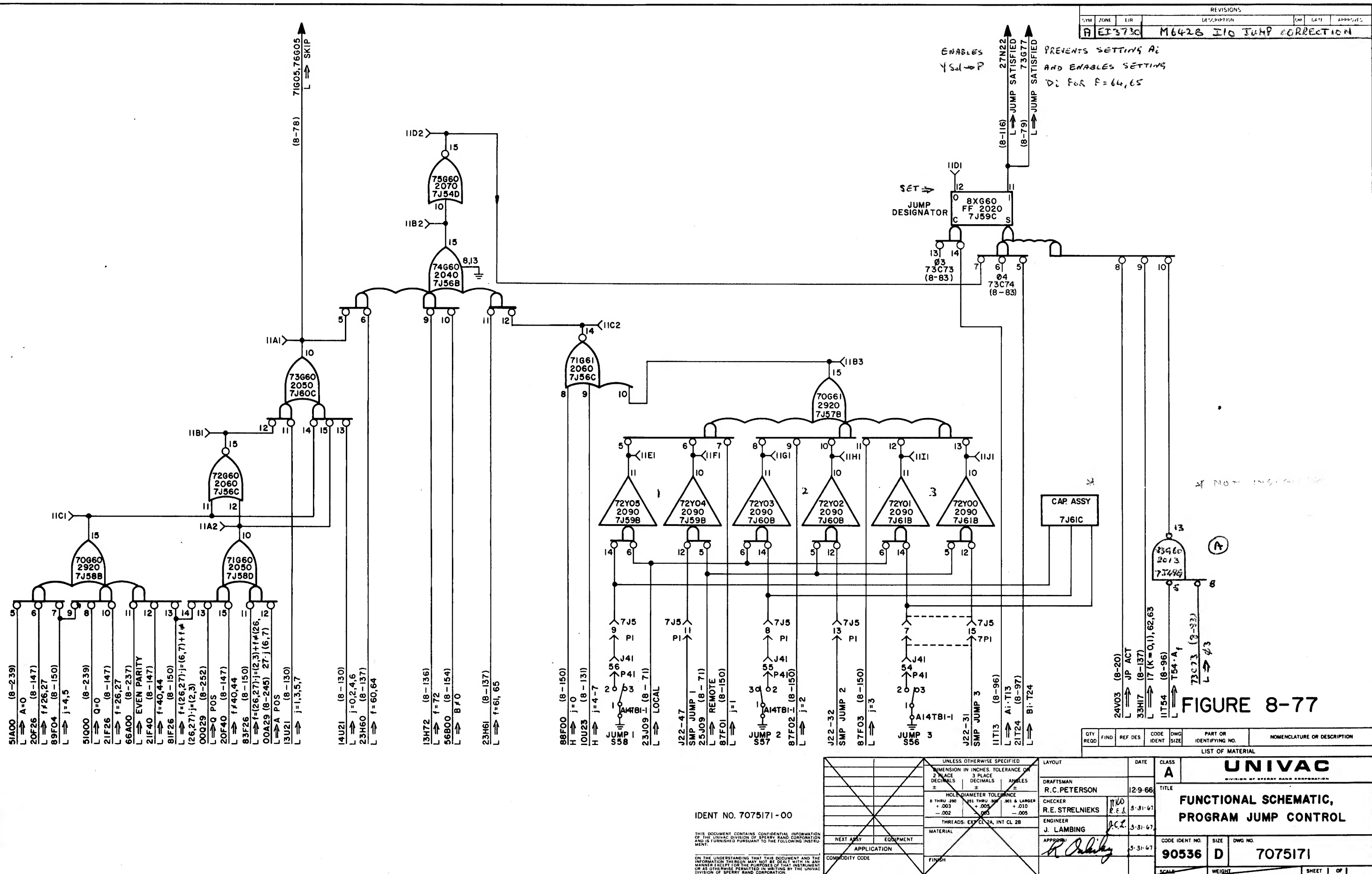
FIGURE 8-76

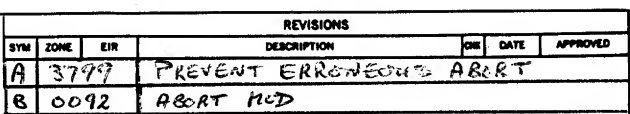
IDENT NO. 7032709-00

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION AND IS FURNISHED PURSUANT TO THE FOLLOWING INSTRUMENT:

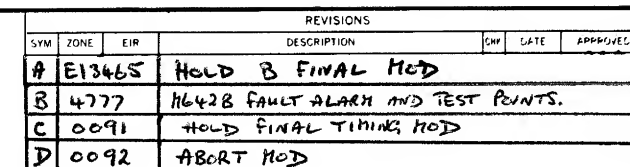
ON THE UNDERSTANDING THAT THIS DOCUMENT AND THE INFORMATION THEREON MAY NOT BE REPRODUCED IN ANY MANNER EXCEPT FOR THE PURPOSES OF THAT INSTRUMENT OR AS OTHERWISE PERMITTED IN WRITING BY THE UNIVAC DIVISION OF SPERRY RAND CORPORATION.

UNLESS OTHERWISE SPECIFIED		LAYOUT		DATE		CLASS	
DIMENSION IN INCHES TOLERANCE ON 2 PLACE DECIMALS		DRAFTSMAN		5-25-65		A	
HOLE DIAMETER TOLERANCE		D. LODGE					
0 THRU .250 +.003		CHECKER					
.251 THRU .500 +.005		B. POPOV					
.501 & LARGER +.010		ENGINEER					
THREADS: EXT. CL. 2A, INT. CL. 2B		G. KREGNESS					
MATERIAL		APPROVAL					
FINISH							
APPLICATION							
COMMODITY CODE							
TITLE				FUNCTIONAL SCHEMATIC, PROGRAM STOP CONTROL			
CODE IDENT NO.		SIZE		DWG NO.			
90536		D		7032709			
SCALE		WEIGHT		SHEET		OF 1	

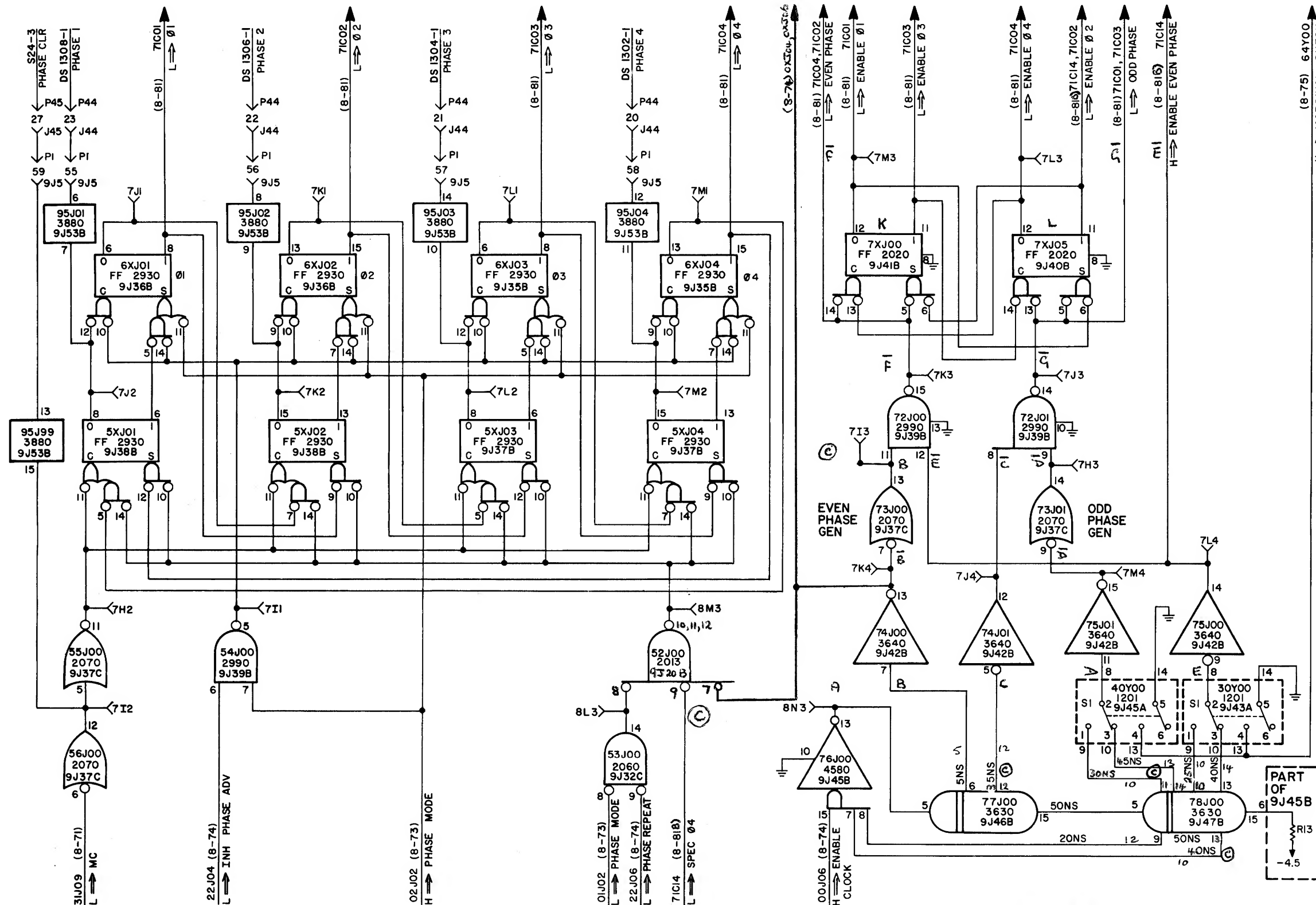




QTY REQD	FIND	REF DES	CODE IDENT	DWG SIZE	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION
LIST OF MATERIAL						
PERSON		DATE	CLASS	UNIVAC <small>DIVISION OF SPERRY RAND CORPORATION</small>		
		12-9-66	TITLE	FUNCTIONAL SCHEMATIC, ABORT LOGIC		
ELNIEKS	<i>HW</i> <i>R.E.J.</i>	3-8-47	<div>CODE IDENT NO. 90536</div> <div>SIZE D</div> <div>DWG NO. 7075172</div> <div>SCALE _____ WEIGHT _____ SHEET OF </div>			
ING	<i>W.C.Z.</i>	3-8-47				
<i>Jukishy</i>		3-8-47				



QTY REQD	FIND	REF DES	CODE IDENT	DWG SIZE	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION
LIST OF MATERIAL						
MAN HEBBE		DATE 10-7-66	CLASS A	UNIVAC <small>DIVISION OF SPERRY RAND CORPORATION</small>		
POV R BOMBING		110 B.P. 3-31-67 J.C.Z. 3-31-67 <i>Pauline</i>	TITLE	FUNCTIONAL SCHEMATIC, HOLD, FAULT, A/Q, & Y SIGN		
3-31-67			CODE IDENT NO.	SIZE	DWG NO.	
			90536	D	7075173	
			SCALE	WEIGHT	SHEET	OF



REVISIONS				
SYM	ZONE	EIR	DESCRIPTION	CHK DATE APPROVED
A		71687	SEE EIR	9/15/65 [Signature]
B		77401	SEE EIR	9/15/65 [Signature]
C		3508	COMPUTER TIMING CORRECTION	

FIGURE 8-80

IDENT NO. 7032695-00

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION. THE INFORMATION CONTAINED HEREIN IS UNCLASSIFIED EXCEPT WHERE SHOWN OTHERWISE. DATE 10-15-80 BY 1045 [Signature]

UNLESS OTHERWISE SPECIFIED: DIMENSIONS IN INCHES. TOLERANCE ON 2 PLACE DECIMALS: .005 HOLE DIAMETER TOLERANCE C THRU .500: +.005, .501 & LARGER: +.010 THREADS: EXCEPT AS NOTED: UNF 2B MATERIAL: FINISH		LAYOUT DRAFTSMAN ROLAN BITZER CHECKER B. POPOV ENGINEER D. HAIR APPROVAL [Signature]	DATE 3-10-65 9/15/65 9/15/65	CLASS A	TITLE FUNCTIONAL SCHEMATIC, MASTER CLOCK
LIST OF MATERIAL			CODE IDENT NO. 90536	SIZE D	DWG NO. 7032695
NOMENCLATURE OR DESCRIPTION			SHEET 1 OF 1		

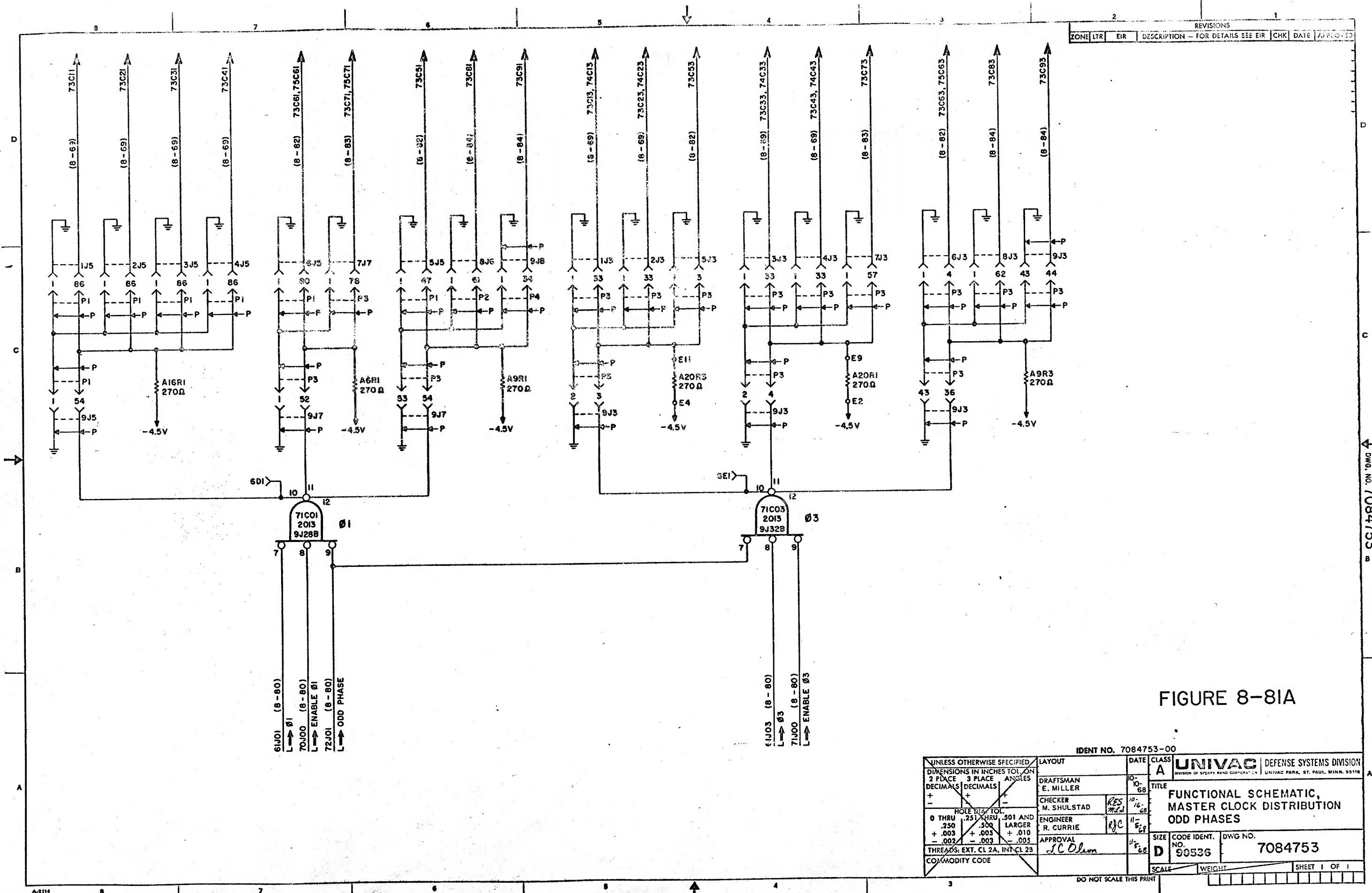
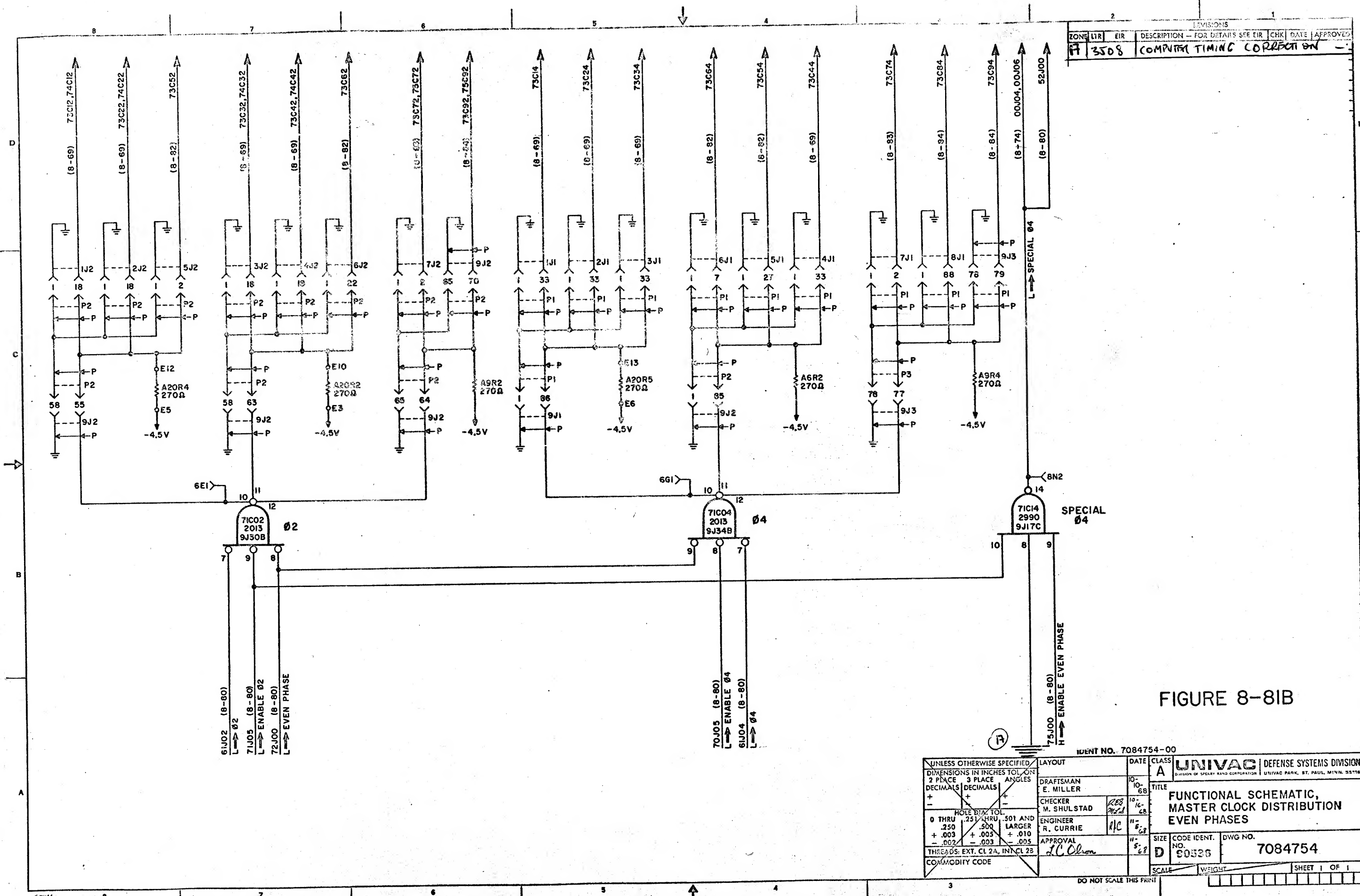


FIGURE 8-81A

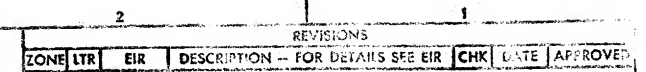
DWG. NO. 7084753



REVISIONS				
ZONE	LTR	EIR	DESCRIPTION - FOR DETAILS SEE EIR	CHK DATE APPROVED
17	3508		COMPUTER TIMING CORRECTION	

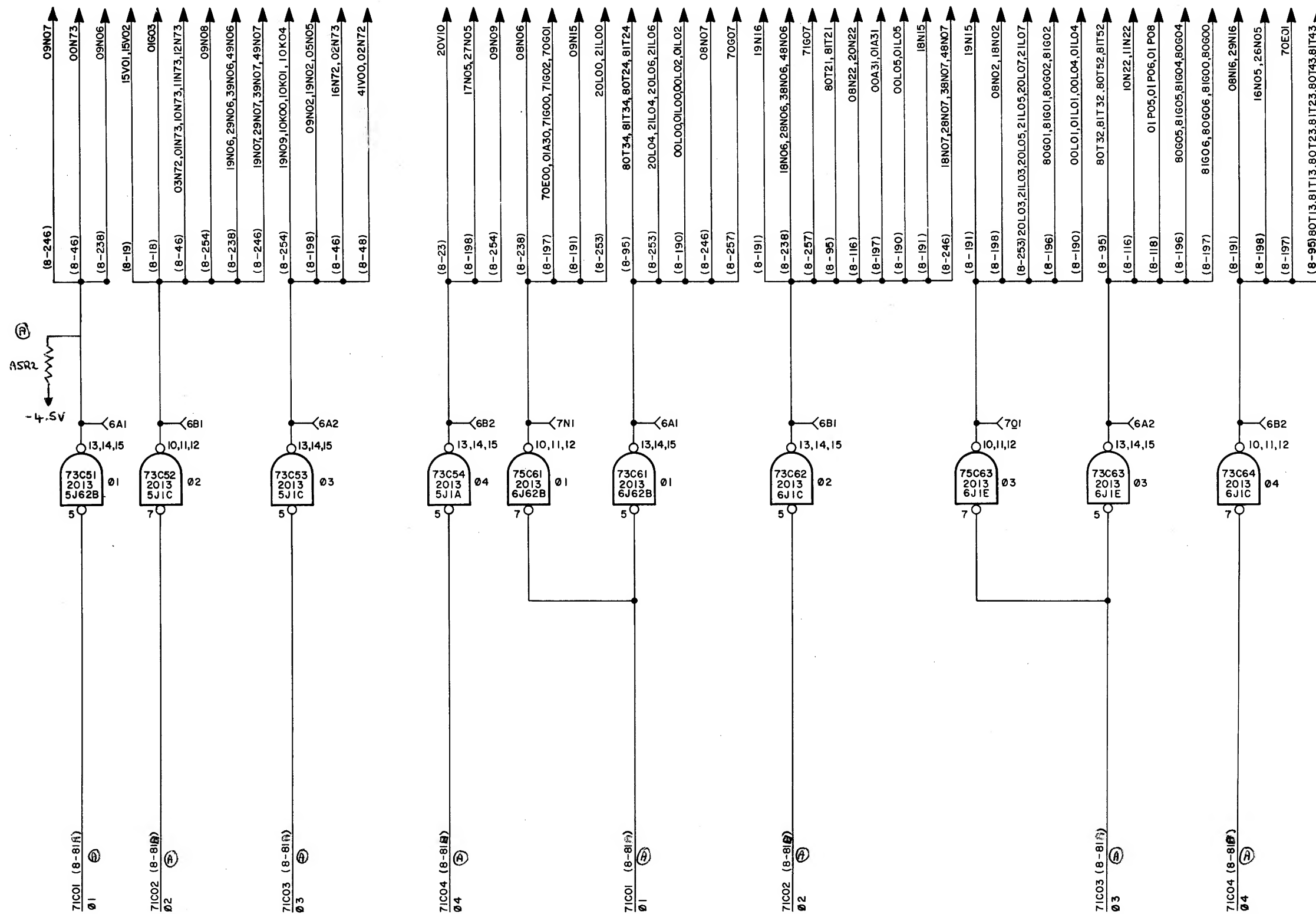
FIGURE 8-81B

UNLESS OTHERWISE SPECIFIED		LAYOUT		DATE	CLASS	UNIVAC DEFENSE SYSTEMS DIVISION	
DIMENSIONS IN INCHES TOL ON		DRAFTSMAN		10-10-68	A	DIVISION OF SPERRY RAND CORPORATION UNIVAC PARK, ST. PAUL, MINN. 55116	
2 PLACE 3 PLACE ANGLES		E. MILLER				TITLE	
DECIMALS DECIMALS		CHECKER		10-16-68		FUNCTIONAL SCHEMATIC,	
+ -		M. SHULSTAD				MASTER CLOCK DISTRIBUTION	
HOLE DIA. TOL		ENGINEER		11-5-68		EVEN PHASES	
0 THRU .251 .500 .501 AND LARGER		R. CURRIE				SIZE CODE IDENT. DWG NO.	
+ .003 + .005 + .010		APPROVAL		11-5-68		D 90536 7084754	
- .002 - .003 - .005		J.C. Olson				SCALE WEIGHT SHEET 1 OF 1	
THREADS: EXT. CL 2A, INT. CL 2B		COMMODITY CODE				DO NOT SCALE THIS PRINT	



✓ DWG. NO. 1004103B

A-2114



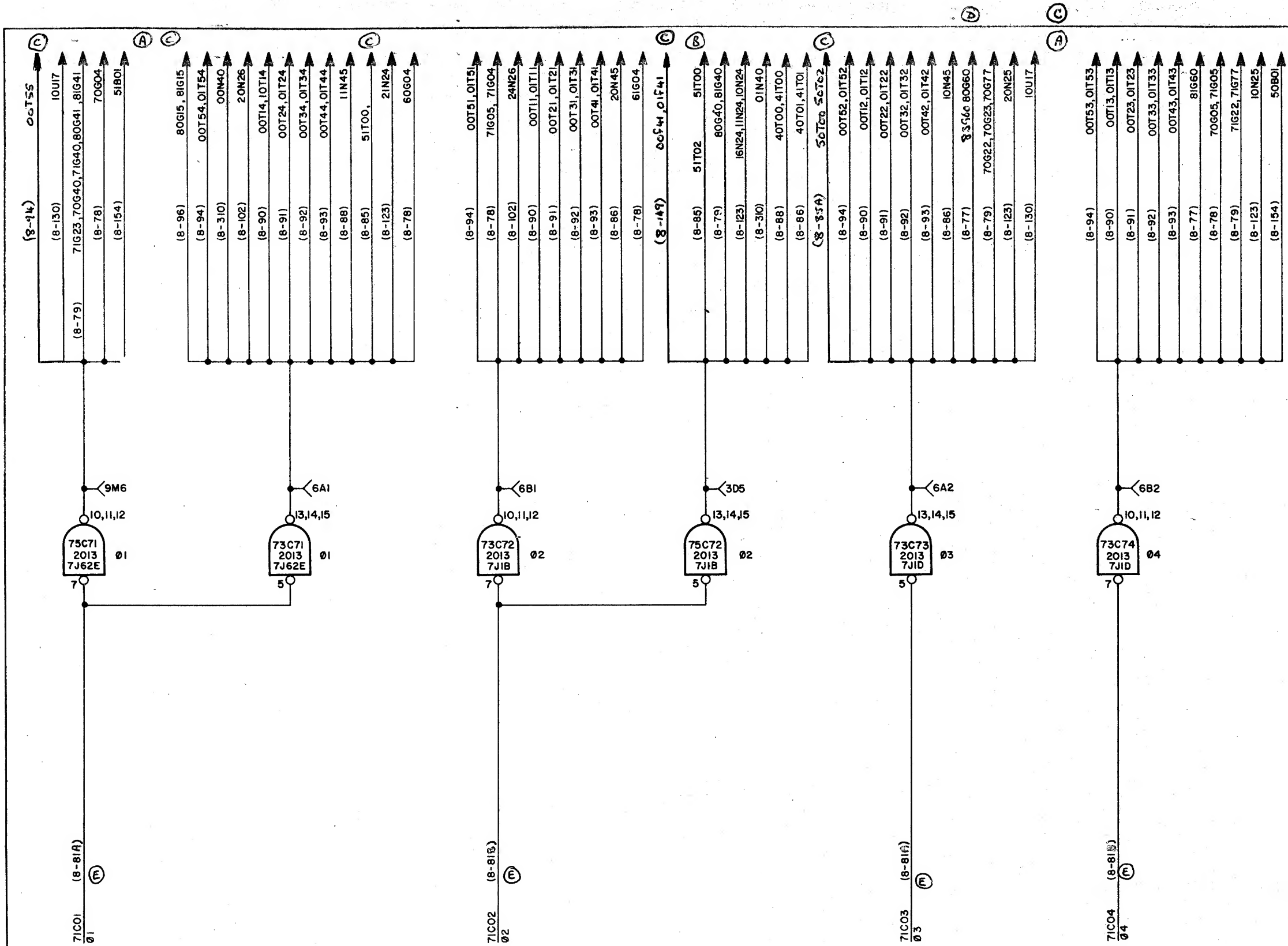
REVISIONS				
SYM	ZONE	EIR	DESCRIPTION	CHK DATE APPROVED
A	3503		COMPUTER TIMING CORRECTION	
B				

FIGURE 8-82

IDENT NO. 7075175-00

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION AND IS FURNISHED PURSUANT TO THE FOLLOWING INSTRUMENT:
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UNLESS OTHERWISE SPECIFIED		LAYOUT		DATE	CLASS	TITLE	
DIMENSION IN INCHES, TOLERANCE ON 2 PLACE DECIMALS		3 PLACE DECIMALS		A		FUNCTIONAL SCHEMATIC, CLOCK DISTRIBUTION CHASSIS 5 & 6	
HOLE DIAMETER TOLERANCE		ANGLES		DRAFTSMAN		R.C. PETERSON	
0 THRU .250		.251 THRU .500		CHECKER		R.E. STRELNIEKS	
+.003		+.005		ENGINEER		D. HAIR	
-.002		-.005		APPROVAL		3-31-67	
THREADS: EXT. CL. 2A, INT. CL. 2B		MATERIAL		FINISH		CODE IDENT NO. 90536	
NEXT ASSY		EQUIPMENT		APPLICATION		SIZE D	
COMMODITY CODE						DWG NO. 7075175	
						SCALE	
						WEIGHT	
						SHEET 1 OF 1	



REVISIONS				
SYM	ZONE	EIR	DESCRIPTION	DATE
A	E13314		EXT I/O FIF Correction	
B	E13317		EXT INT HOLD ACTIVE FIF MOD	
C	E13375		5 Port 6428 EHM INTERFACE MOD	
D	E13730		H6428 I/O JUMP CORRECTION	
E	3508		COMPUTER TIMING CORRECTION	

FIGURE 8-83

IDENT NO. 7075176-00

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION AND IS FURNISHED PURSUANT TO THE FOLLOWING AGREEMENT:
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UNLESS OTHERWISE SPECIFIED	
DIMENSION IN INCHES TOLERANCE ON 2 PLACE DECIMALS	ANGLES
HOLE DIAMETER TOLERANCE	
0 THRU .250	+.003
.251 THRU .500	+.005
.501 & LARGER	+.010
THREADS EXT. CL. 2A, INT. CL. 2B	
MATERIAL	
FINISH	

LAYOUT		DATE	CLASS	UNIVAC	
DRAFTSMAN	R. C. PETERSON	12106	A	DIVISION OF SPERRY RAND CORPORATION	
CHECKER	R. E. STRELNIKS	12106		FUNCTIONAL SCHEMATIC, CLOCK DISTRIBUTION CHASSIS 7	
ENGINEER	D. HAIR	12106			
APPROVED		12106			
CODE IDENT NO.	90536	SIZE	D	DWG NO.	7075176
SCALE		WEIGHT		SHEET	1 OF 1

REVISIONS					
ZONE	LTR	EIR	DESCRIPTION - FOR DETAILS SEE EIR	CHK	DATE
A	E13375		SPART 642 B MOD INTERFACE MOD		
B	3557A		CMPI IC-710 INTERRUPT CORRECTION		

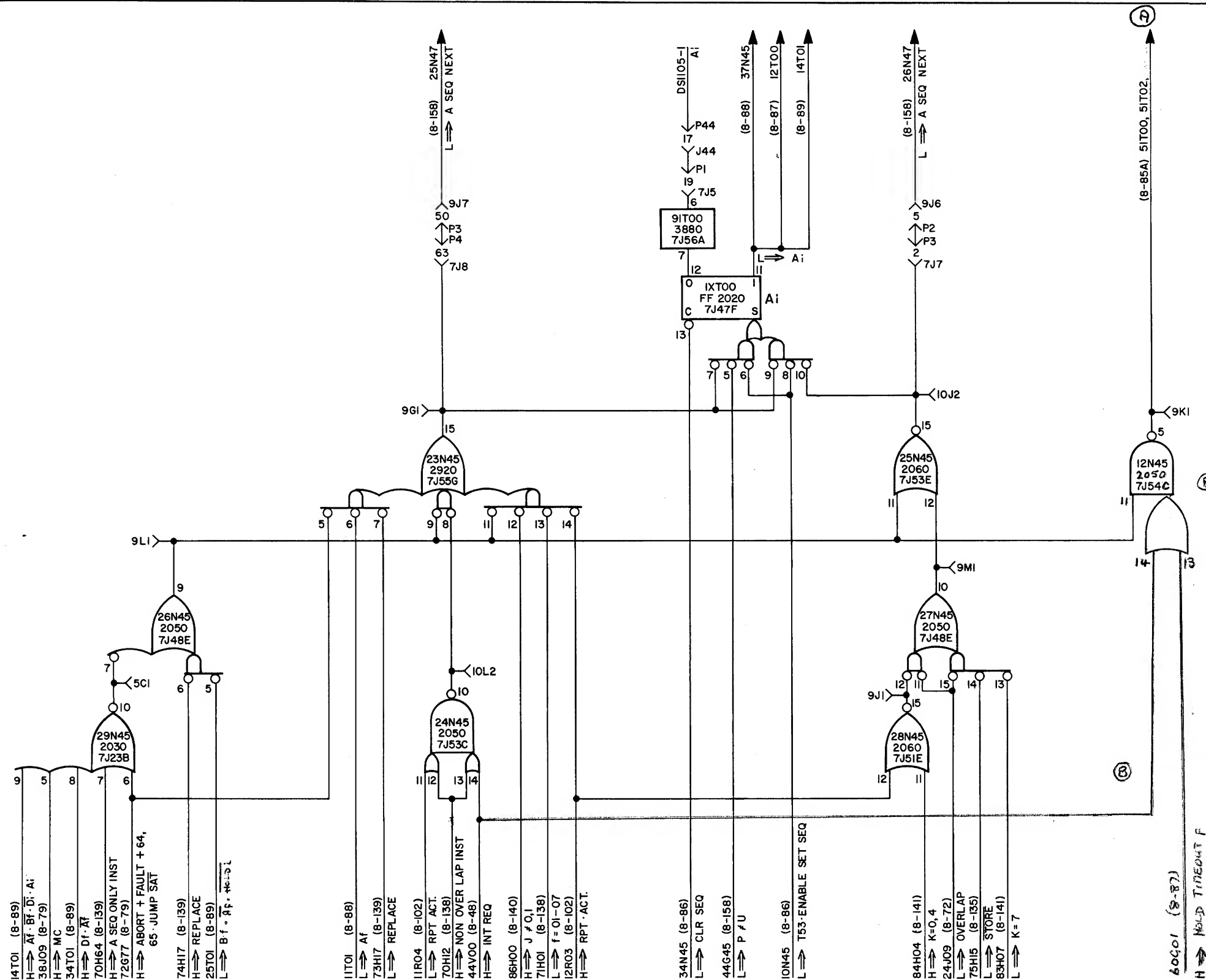


FIGURE 8-85

IDENT NO. 7075178-00

UNLESS OTHERWISE SPECIFIED		LAYOUT	DATE	CLASS	UNIVAC DEFENSE SYSTEMS DIVISION	
DIMENSIONS IN INCHES TOL. ON 2 PLACE 3 PLACE ANGLES		DRAFTSMAN	12/2/66	A	DIVISION OF SPERRY RAND CORPORATION UNIVAC PARK, ST. PAUL, MINN. 55116	
DECIMALS DECIMALS		E. BICKETT			TITLE	
HOLE DIA. TOL.		CHECKER			FUNCTIONAL SCHEMATIC, SEQUENCER INITIAL I	
0 THRU .250 .251 THRU .500 .501 AND LARGER		B. POPOV				
+ .003 + .005 + .010		ENGINEER				
- .002 - .003 - .005		D. HAIR				
THREADS: EXT. CL 2A, INT. CL 2B		APPROVAL				
COMMODITY CODE						
SIZE	CODE IDENT.	DWG NO.				
D	90536	7075178				
SCALE	WEIGHT	SHEET 1 OF 1				

			REVISIONS			
ZONE	LTR	EIR	DESCRIPTION - FOR DETAILS SEE EIR	CHK	DATE	APPROVED
A	E13215		EMU CHANNEL PRIORITY CHANGE			
B	E13317		EXT INT HOLD ACTIVE FIF MOD			
C	E13375		S PART 6428 EMU INTERFALE MOD			

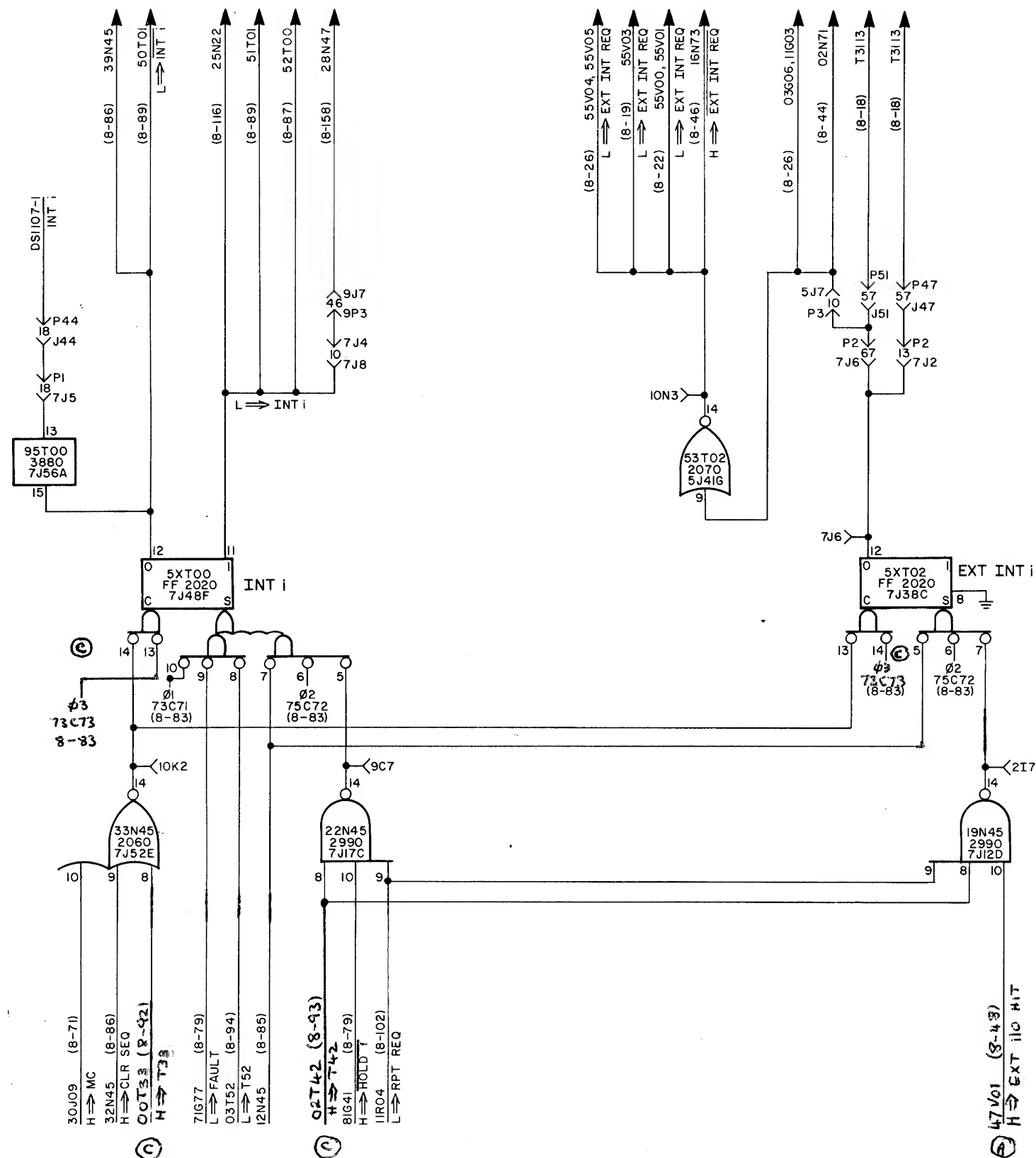

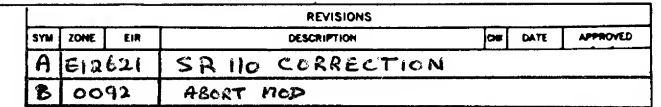


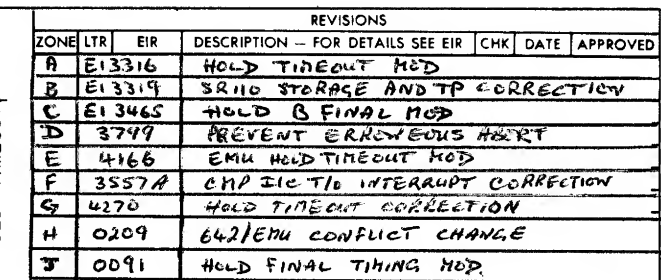
FIGURE 8-85A

IDENT NO. 7075239-00

UNLESS OTHERWISE SPECIFIED				LAYOUT		DATE	CLASS	UNIVAC		DEFENSE SYSTEMS DIVISION		
DIMENSIONS IN INCHES TOL. ON				DRAFTSMAN			A	DIVISION OF SPERRY RAND CORPORATION		UNIVAC PARK, ST. PAUL, MINN. 55118		
2 PLACE 3 PLACE ANGLES				G.S. WHEBBE		12-5-66	TITLE					
DECIMALS DECIMALS				CHECKER			FUNCTIONAL SCHEMATIC, SEQUENCER INITIAL IA					
+ + +				B. POPOV		3-31-67						
- - -				ENGINEER		3-31-67						
HOLE DIA. TOL.				D. FREE			SIZE CODE IDENT. DWG NO.					
0 THRU .251 THRU .501 AND LARGER				APPROVAL		3-31-67						
+ .250 .500							D		NO. 90536		7075239	
+ .003 + .005 + .010												
- .002 - .003 - .005												
THREADS: EXT. CL 2A, INT. CL 2B												
COMMODITY CODE												
							SCALE		WEIGHT		SHEET 1 OF 1	

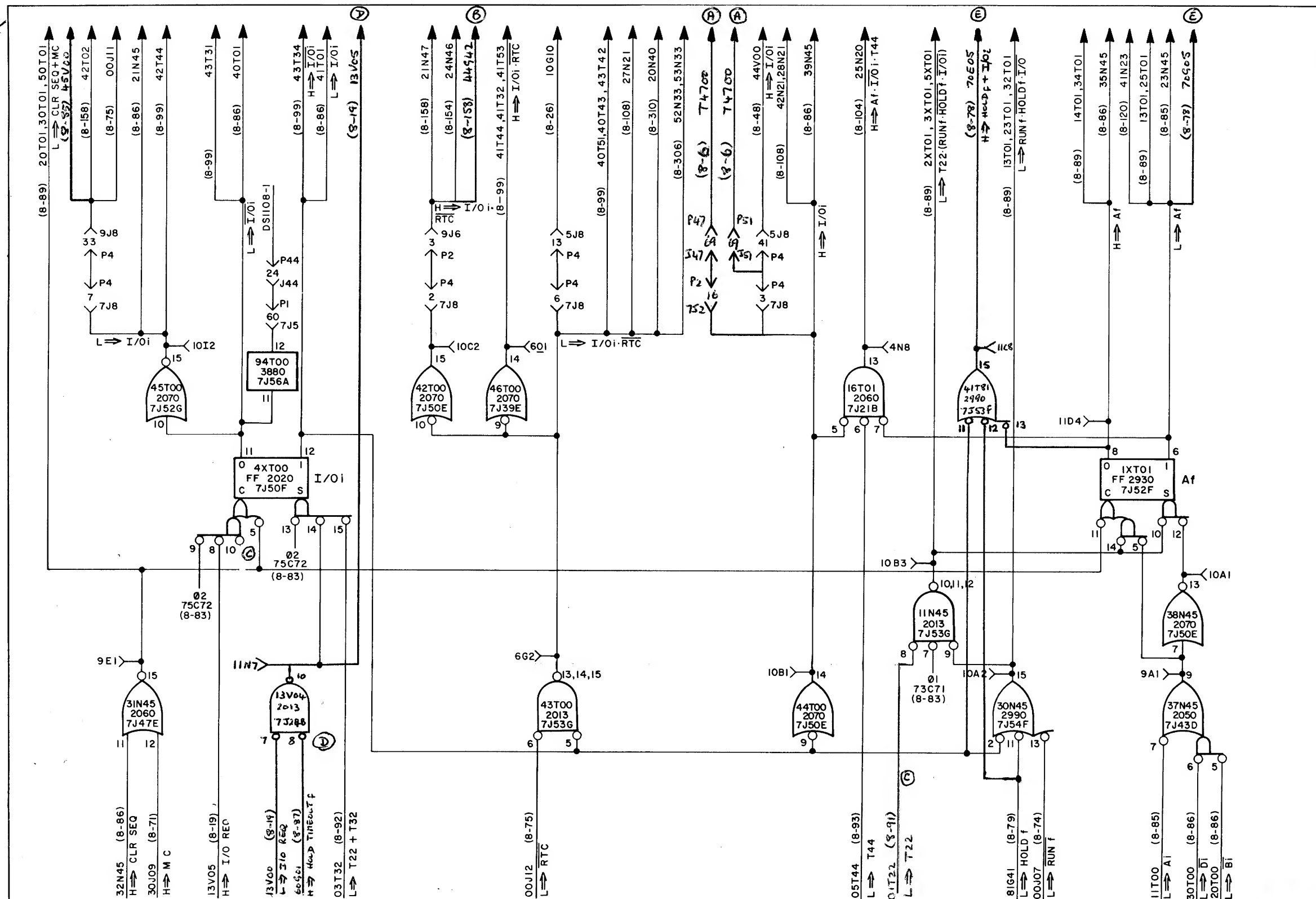


QTY REQD	FIND	REF DES	CODE IDENT	SIZE	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION
LIST OF MATERIAL						
AN KETT		DATE 12-26-66	CLASS A	UNIVAC DIVISION OF SPERRY RAND CORPORATION		
DV R		8 p. 3-31-67	TITLE	FUNCTIONAL SCHEMATIC, SEQUENCER INITIAL 2		
- 12-26-66		3-31-67	CODE IDENT NO.	SIZE	DWG NO.	
			90536	D	7075179	
			SCALE	WEIGHT	SHEET OF	



IDENT NO. 7075180-00

UNLESS OTHERWISE SPECIFIED		LAYOUT		DATE		CLASS		UNIVAC		DEFENSE SYSTEMS DIVISION	
DIMENSIONS IN INCHES TOL. ON		DRAFTSMAN		12-15-67		A		DIVISION OF SPERRY RAND CORPORATION		UNIVAC PARK, ST. PAUL, MINN. 55116	
2 PLACE 3 PLACE ANGLES		D. RADCLIFFE		TITLE		FUNCTIONAL SCHEMATIC, SEQUENCER, INITIAL DISTRIBUTION					
DECIMALS DECIMALS		CHECKER		3-31-67							
+ + +		R. NEWMAN		3-31-67							
- - -		ENGINEER		3-31-67							
HOLE DIA. TOL.		D. HAIR		APPROVAL		SIZE		CODE IDENT.		DWG. NO.	
0 THRU .251 THRU .501 AND						D		NO.		7075180	
.250 .500 LARGER											
+ .003 + .005 + .010											
- .002 - .003 - .005											
THREADS: EXT. CL 2A, INT. CL 2B											
COMMODITY CODE											
						SCALE		WEIGHT		SHEET OF	



REVISIONS				
SYM	ZONE	EIR	DESCRIPTION	DATE
A	E13375		SPART 642B ENU INTERFACE MOD	
B	E13396		COMPUTER I/O MOD	
C	4166		ENU HOLD TIME OUT	
D	0209		642/ENU CONFLICT CHANGE	
E	0092		ABORT MOD	

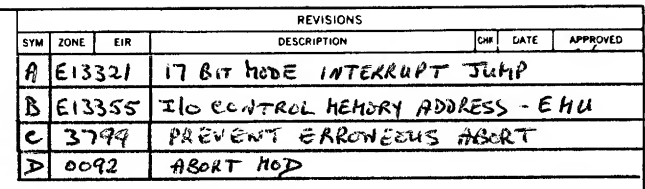
FIGURE 8-88

IDENT NO. 7075181-00

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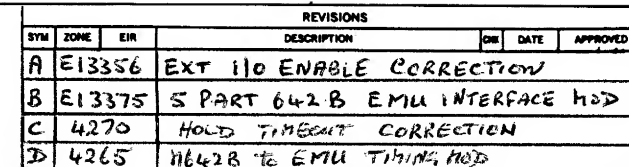
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UNLESS OTHERWISE SPECIFIED		LAYOUT		DATE		CLASS	
DIMENSION IN INCHES. TOLERANCE ON 2 PLACE DECIMALS		DRAFTSMAN		12-10-67		A	
HOLE DIAMETER TOLERANCE		R. C. PETERSON					
0 THRU .250		CHECKER		3-31-67			
.251 THRU .500		B. POPOV					
.501 & LARGER		ENGINEER		3-31-67			
THREADS, EXCEPT 2B, INT CL 2B		D. HAIR					
MATERIAL		APPROVAL		3-31-67			
FINISH							
NEXT ASSY							
EQUIPMENT							
APPLICATION							
COMMODITY CODE							
LIST OF MATERIAL				UNIVAC			
DIVISION OF SPERRY RAND CORPORATION				TITLE			
				FUNCTIONAL SCHEMATIC, SEQUENCER FINAL I			
QTY REQD		FIND		REF DES		CODE IDENT	
SIZE		PART OR IDENTIFYING NO.		NOMENCLATURE OR DESCRIPTION			
8		90536		D		7075181	
SCALE		WEIGHT		SHEET		1 OF 1	



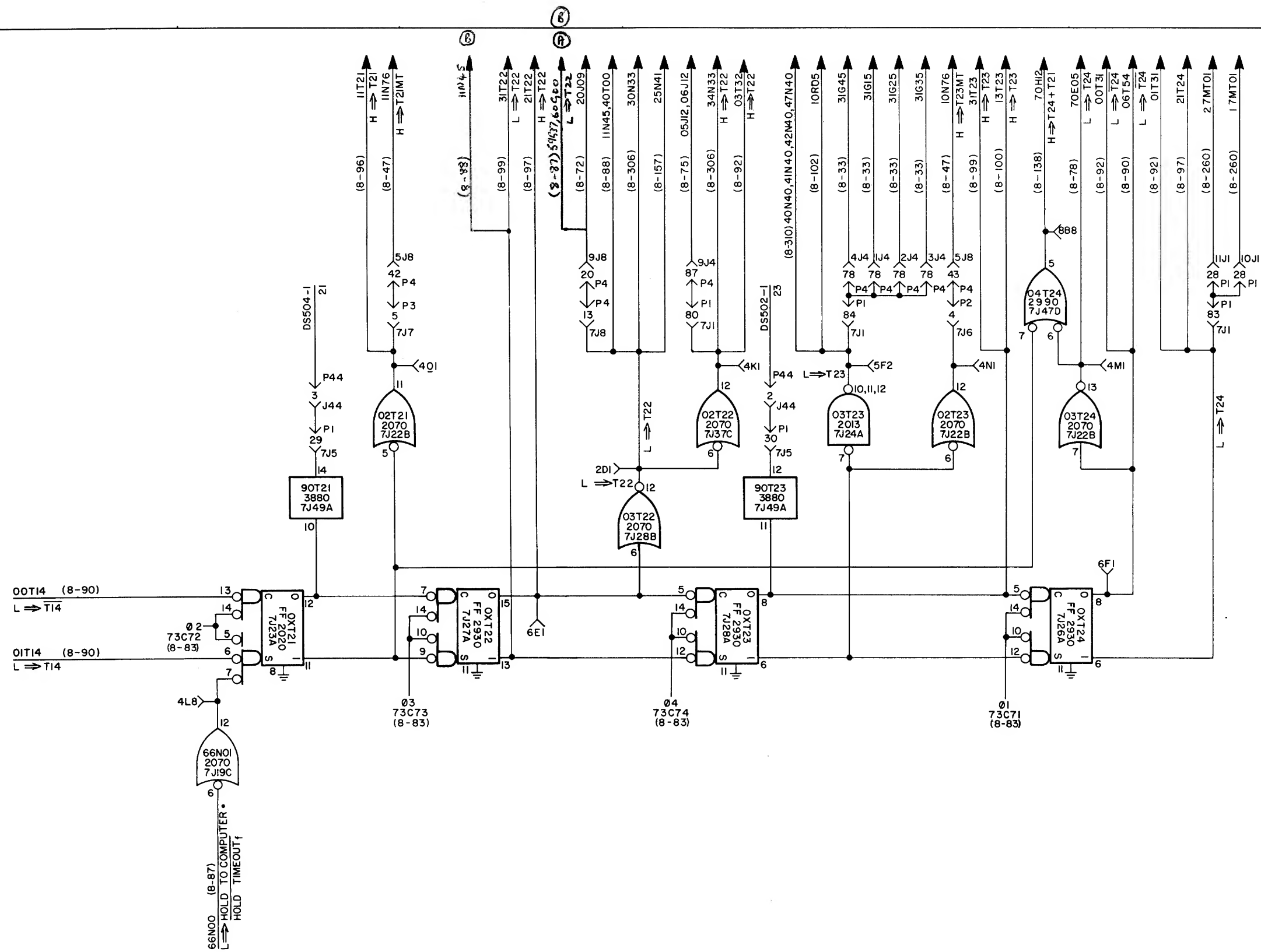
QTY RECD	FIND	REF DES	CODE IDENT	DWG SIZE	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION
LIST OF MATERIAL						
		DATE	CLASS A	UNIVAC <small>DIVISION OF SPERRY RAND CORPORATION</small>		
N TERSON		12-11-66	TITLE	FUNCTIONAL SCHEMATIC, SEQUENCER FINAL 2		
REL NIEKS		3-3-67				
KEN		3-3-67				
3-3-67			CODE IDENT NO.	SIZE	DWG NO.	
			90536	D	7075182	
SCALE			WEIGHT		SHEET OF	

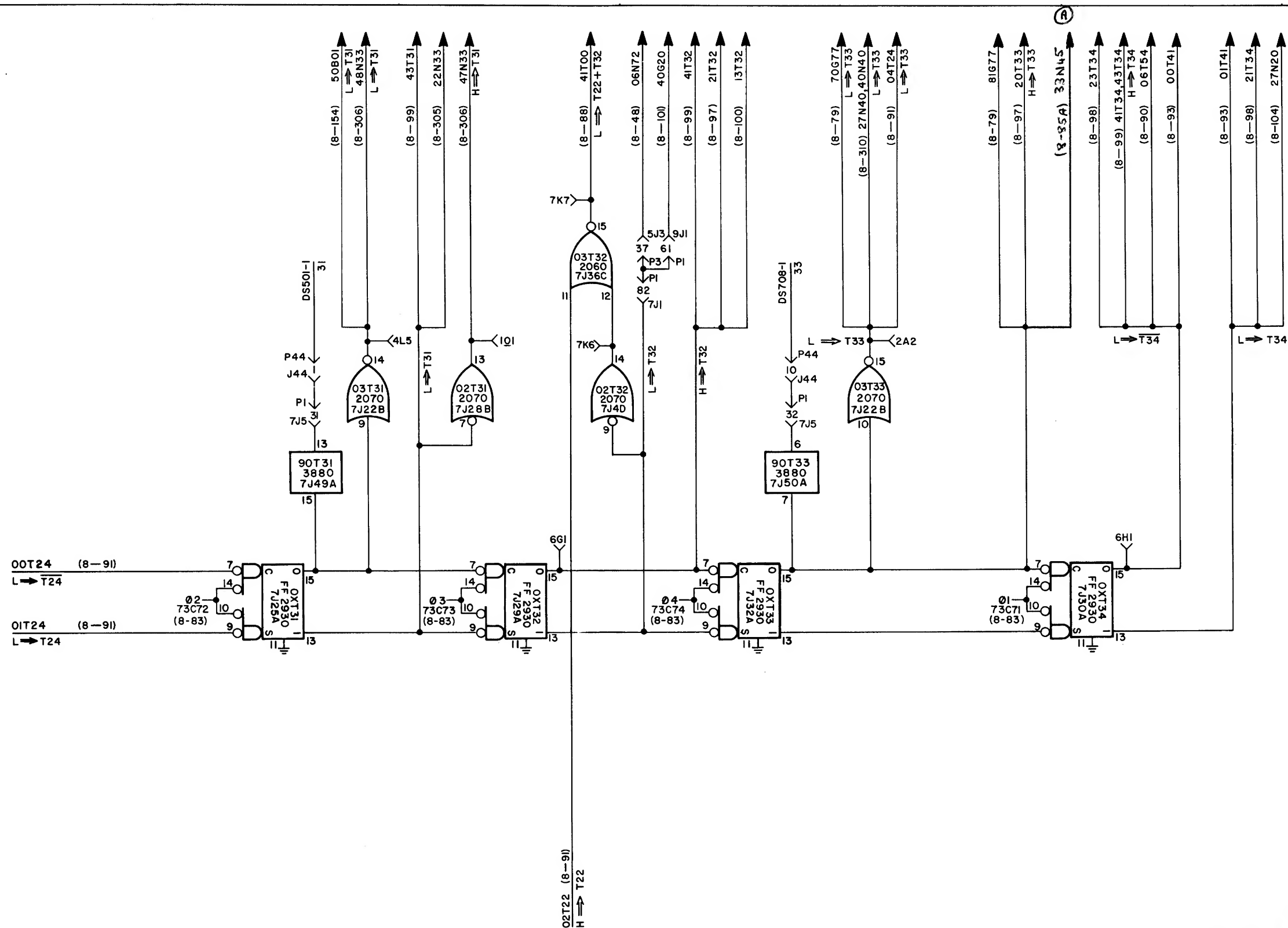
ON THE UNDERSTANDING THAT THIS DOCUMENT AND THE INFORMATION THEREON MAY NOT BE DEALT WITH IN ANY MANNER EXCEPT FOR THE PURPOSES OF THAT INSTRUMENT OR AS OTHERWISE PERMITTED IN WRITING BY THE UNIVAC DIVISION OF SPERRY RAND CORPORATION.



QTY REQD	FINO	REF DES	CODE IDENT	SIZE	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION
LIST OF MATERIAL						
DATE		CLASS A	UNIVAC <small>DIVISION OF SPERRY RAND CORPORATION</small>			
12-9-66		TITLE	FUNCTIONAL SCHEMATIC, MAIN TIMING CYCLE I			
8-31-67						
8-31-67						
8-31-67		CODE IDENT NO.	SIZE	DWG NO.		
		90536	D	7075183		
		SCALE	WEIGHT		SHEET OF	

ON THE UNDERSTANDING THAT THIS DOCUMENT AND THE INFORMATION THEREON MAY NOT BE DEALT WITH IN AN MANNER EXCEPT FOR THE PURPOSES OF THAT INSTRUMENT OR AS OTHERWISE PERMITTED IN WRITING BY THE UNIVAC DIVISION OF SPERRY RAND CORPORATION





REVISIONS				
SYM	ZONE	EIR	DESCRIPTION	DATE
A	E13375		5 PART 642B EHM INTERFACE MOD	

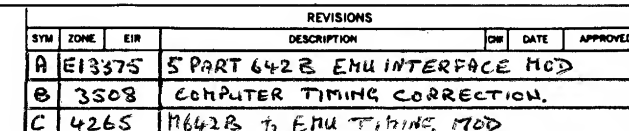
FIGURE 8-92

IDENT NO. 7075243-00

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION AND IS FURNISHED PURSUANT TO THE FOLLOWING INSTRUMENT.

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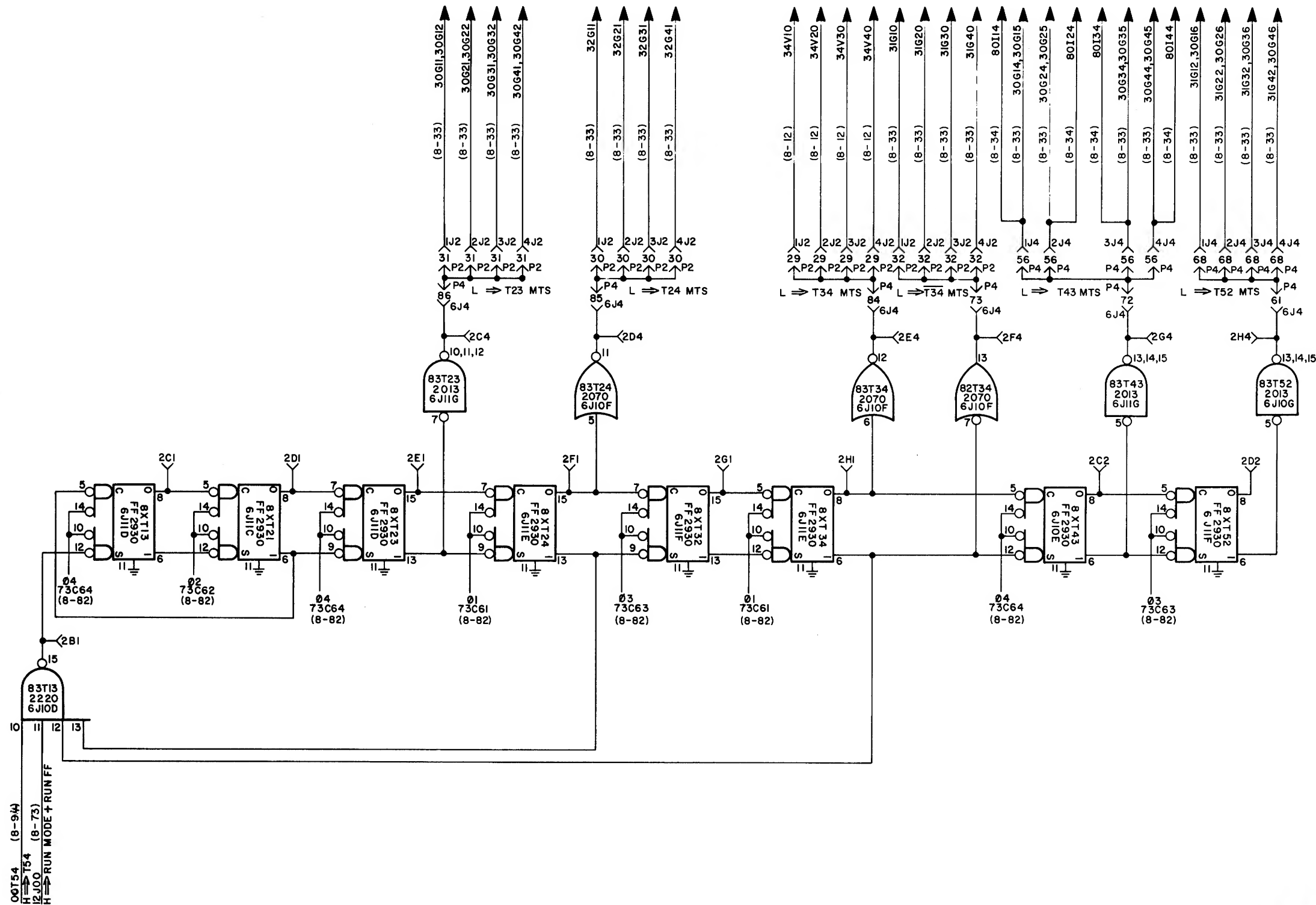
UNLESS OTHERWISE SPECIFIED		LAYOUT		DATE		CLASS	
DIMENSION IN INCHES. TOLERANCE ON		DRAFTSMAN		2-24-67		A	
2 PLACE DECIMALS		G. HUBER					
3 PLACE DECIMALS		CHECKER		3-31-67			
ANGLES		D. ERICKSON					
HOLE DIAMETER TOLERANCE		ENGINEER		3-31-67			
0 THRU .250		D. FREE					
.251 THRU .500							
.501 & LARGER							
THREADS: EXT. CL 2A, INT. CL 2B		APPROVED					
MATERIAL							
FINISH							
NEXT ASSY		EQUIPMENT					
APPLICATION							
COMMODITY CODE							
QTY REQD		FIND		REF DES		CODE IDENT	
SIZE		PART OR IDENTIFYING NO.		NOMENCLATURE OR DESCRIPTION			
LIST OF MATERIAL							
UNIVAC							
DIVISION OF SPERRY RAND CORPORATION							
TITLE							
FUNCTIONAL SCHEMATIC, MAIN TIMING CYCLE 3							
CODE IDENT NO.		SIZE		DWG NO.			
90536		D		7075243			
SCALE		WEIGHT		SHEET		OF	



QTY REQD	FIND	REF DES	CODE IDENT	DWG SIZE	PART, OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION
LIST OF MATERIAL						
AN KETT		DATE	CLASS A	UNIVAC DIVISION OF SPERRY RAND CORPORATION		
		2-9-66	TITLE	FUNCTIONAL SCHEMATIC, MAIN TIMING CYCLE 4		
OV	WKO B.P.	8-31-67				
R	WKO B.P.	8-31-67				
Culley		8-31-67	CODE IDENT NO.	SIZE	DWG NO.	
			90536	D	7075185	
			SCALE	WEIGHT	SHEET OF	

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ON THE UNDERSTANDING THAT THIS DOCUMENT AND THE INFORMATION THEREON MAY NOT BE DEALT WITH IN ANY MANNER EXCEPT FOR THE PURPOSES OF THAT INSTRUMENT OR AS OTHERWISE PERMITTED IN WRITING BY THE UNIVAC DIVISION OF SPERRY RAND CORPORATION.



REVISIONS				
SYM	ZONE	EIR	DESCRIPTION	CHK DATE APPROVED
A	4265		7642B to ERM Timing HCD	

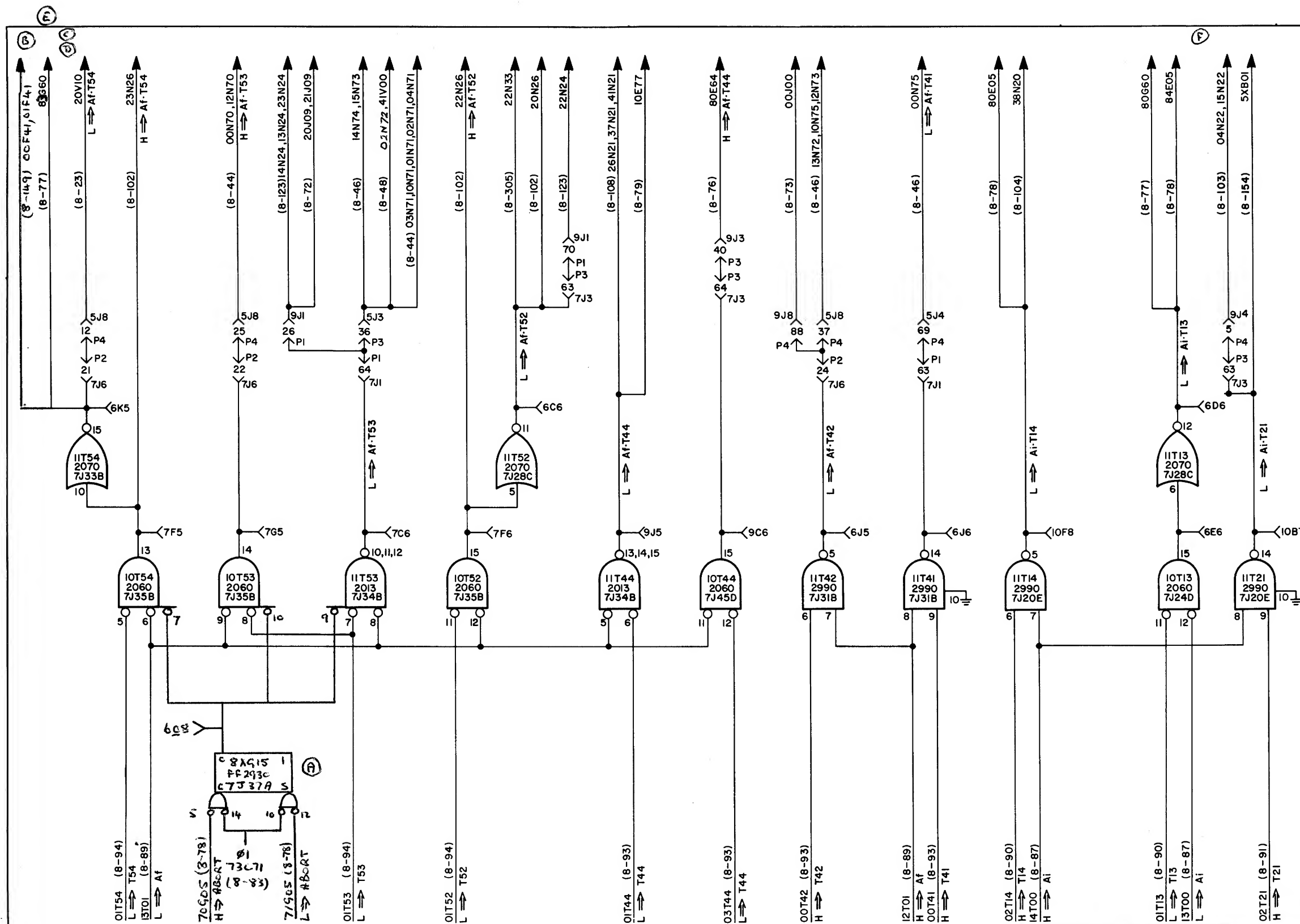
FIGURE 8-95

(P)

IDENT NO.7032852-00

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION AND IS FURNISHED PURSUANT TO THE FOLLOWING INSTRUMENT:
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UNLESS OTHERWISE SPECIFIED		LAYOUT		DATE		CLASS		PART OR IDENTIFYING NO.		NOMENCLATURE OR DESCRIPTION	
DIMENSION IN INCHES. TOLERANCE OR 2 PLACE DECIMALS		E.D.OLSON		5-26-65		A		7084761		FUNCTIONAL SCHEMATIC, MAIN TIMING SPECIAL USED IN I10	
HOLE DIAMETER TOLERANCE		CHECKER		B. POPOV				CODE IDENT NO.		90536	
0 THRU .250 +.003 - .002		ENGINEER		D. HAIR				SIZE		D	
.251 THRU .500 +.005 - .005		APPROVAL		D. HAIR				DWG NO.		7084761	
.501 & LARGER +.010 - .005		COMMODITY CODE						SCALE		SHEET 1 OF 1	
THREADS: EXT. CL. 2A, INT. CL. 2B											
MATERIAL											
FINISH											



REVISIONS				
SYM	ZONE	EIR	DESCRIPTION	DATE
A	E11933		F-66 LOGIC CORRECTION	
B	E13314		EXT I/O FIF CORRECTION	
C	E13317		EXT INT HOLD ACTIVE FIF MOD	
D	E13375		S PART 642B EHV INTERFACE MOD	
E	E13330		H642B I/O JUMP CORRECTION	
F	0091		HOLD FINAL TIMING MOD	

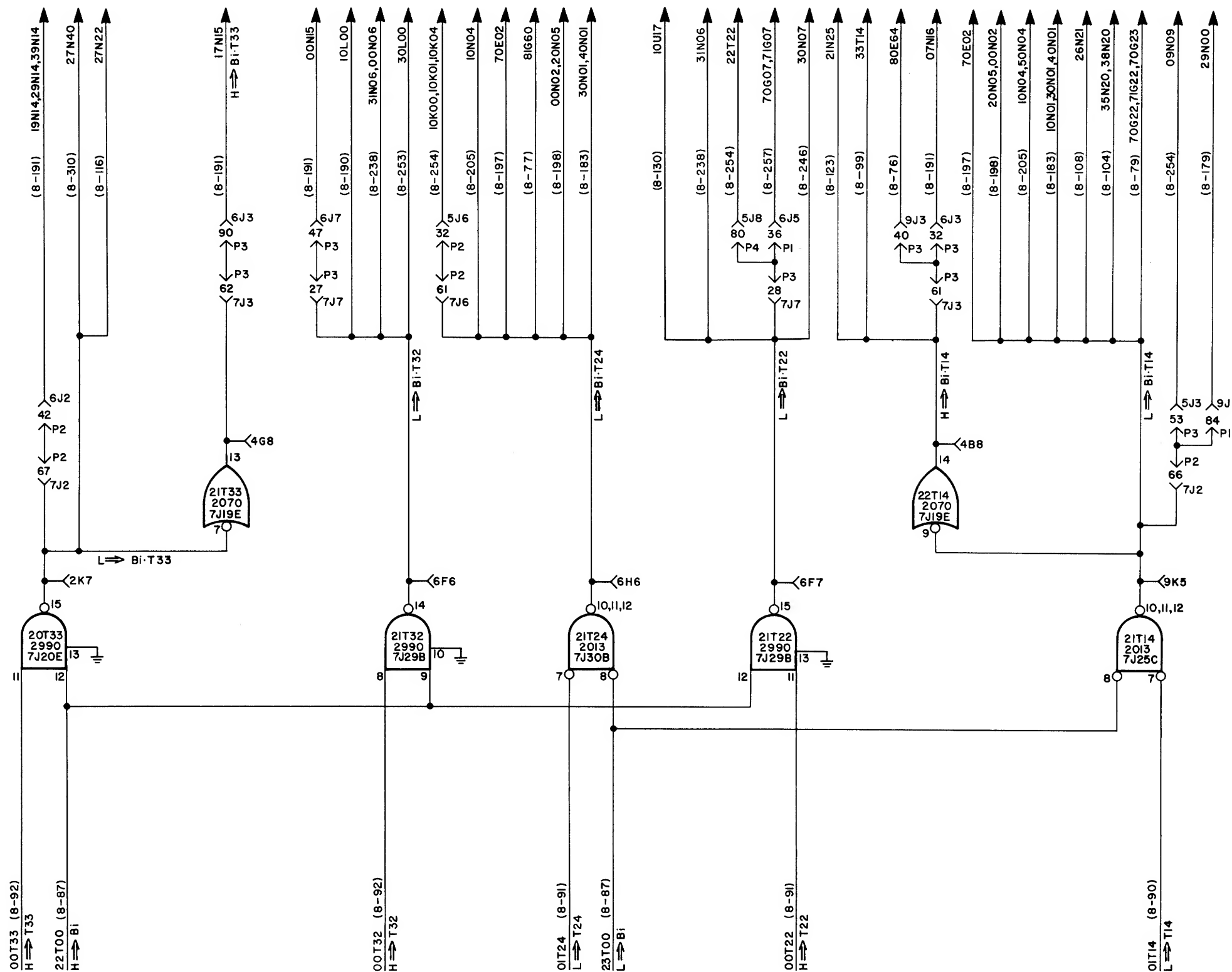
FIGURE 8-96

IDENT NO. 7075245-00

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION AND IS FURNISHED PURSUANT TO THE FOLLOWING INSTRUMENT:

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UNLESS OTHERWISE SPECIFIED		LAYOUT		DATE		CLASS	
DIMENSION IN INCHES TOLERANCE ON 2 PLACE DECIMALS		DRAFTSMAN		3-7-67		A	
HOLE DIAMETER TOLERANCE		G. HIRSCH					
0 THRU .250 +.003		CHECKER		3-31-67			
.251 THRU .500 +.005		STRELNIEKS					
.501 & LARGER +.010		ENGINEER		3-31-67			
THREADS: EXT. CL. 2A, INT. CL. 2B		D. FREE					
MATERIAL		APPROVAL					
FINISH							
NEXT ASSY							
EQUIPMENT							
APPLICATION							
COMMODITY CODE							
LIST OF MATERIAL				UNIVAC			
DIVISION OF SPERRY RAND CORPORATION				TITLE			
				FUNCTIONAL SCHEMATIC, SEQUENCE TIMING I			
QTY REQD		FIND		REF DES		CODE IDENT	
SIZE		PART OR IDENTIFYING NO.		NOMENCLATURE OR DESCRIPTION			
CLASS		DATE		SIZE		DWG NO.	
90536		D		7075245			
SCALE		WEIGHT		SHEET		OF	



REVISIONS				
SYM	ZONE	EIR	DESCRIPTION	DATE

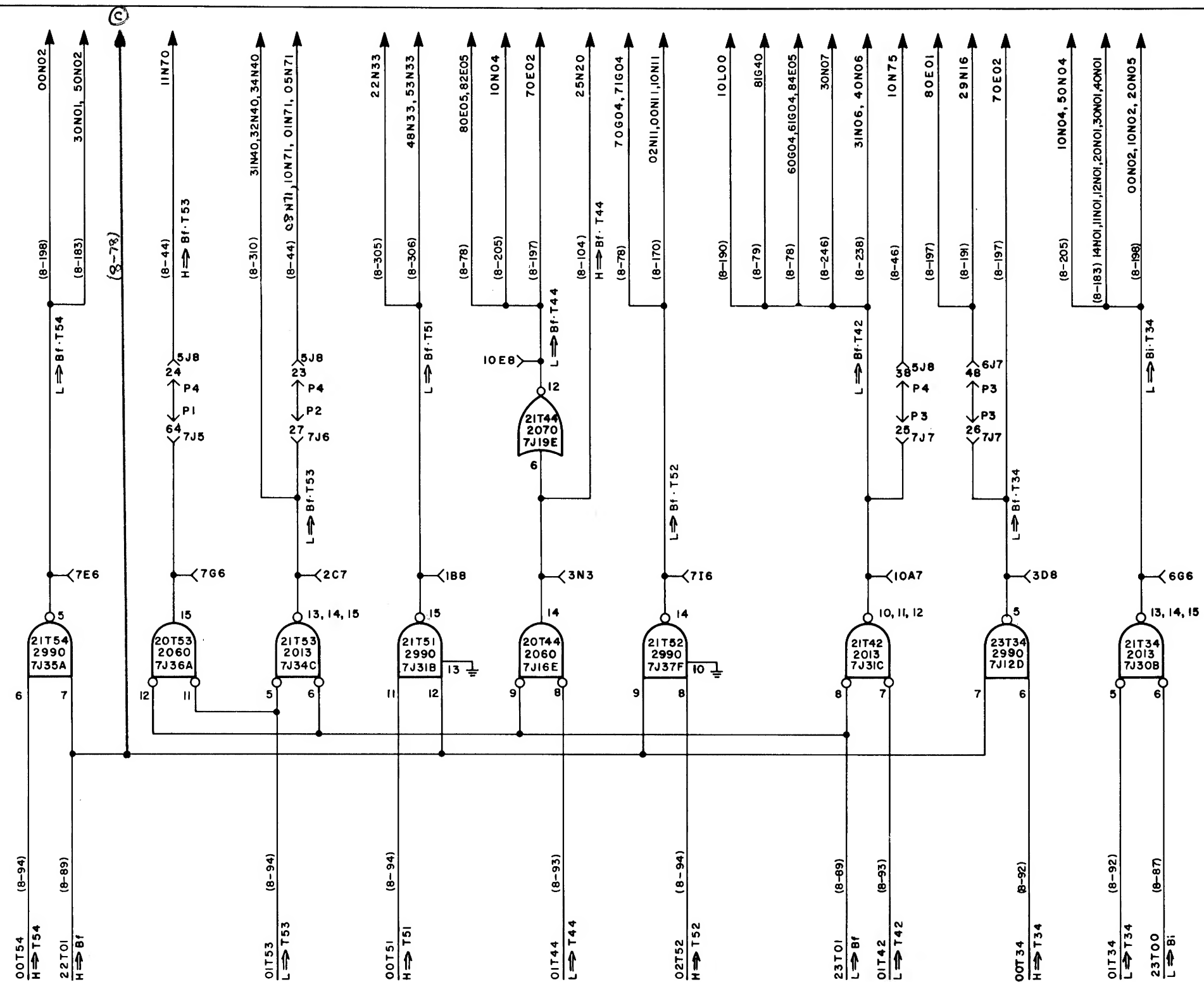
FIGURE 8-97

IDENT NO. 7075248-00

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION AND IS FURNISHED PURSUANT TO THE FOLLOWING INSTRUMENT:
ON THE UNDERSTANDING THAT THIS DOCUMENT AND THE INFORMATION THEREON MAY NOT BE DEALT WITH IN ANY MANNER EXCEPT FOR THE PURPOSES OF THAT INSTRUMENT OR AS OTHERWISE PERMITTED IN WRITING BY THE UNIVAC DIVISION OF SPERRY RAND CORPORATION.

UNLESS OTHERWISE SPECIFIED		
DIMENSION IN INCHES. TOLERANCE ON 2 PLACE DECIMALS		
±	±	±
HOLE DIAMETER TOLERANCE		
0 THRU .350	.351 THRU .500	.501 & LARGER
+ .003	+ .005	+ .010
-.002	-.003	-.005
THREADS: EXT. CL 2A, INT. CL 2B		
MATERIAL		
FINISH		
NEXT ASSY		
EQUIPMENT		
APPLICATION		
COMMODITY CODE		

QTY REGD		FIND	REF DES	CODE IDENT	DWG SIZE	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION
LIST OF MATERIAL							
LAYOUT			DATE	CLASS	TITLE		
DRAFTSMAN G. HIRSCH			3-7-67	A	UNIVAC DIVISION OF SPERRY RAND CORPORATION		
CHECKER STRELNIEKS			3-31-67	FUNCTIONAL SCHEMATIC, SEQUENCE TIMING 2			
ENGINEER D. FREE			3-31-67				
APPROVED			3-31-67	CODE IDENT NO.	SIZE	DWG NO.	
				90536	D	7075248	
SCALE				WEIGHT		SHEET OF	



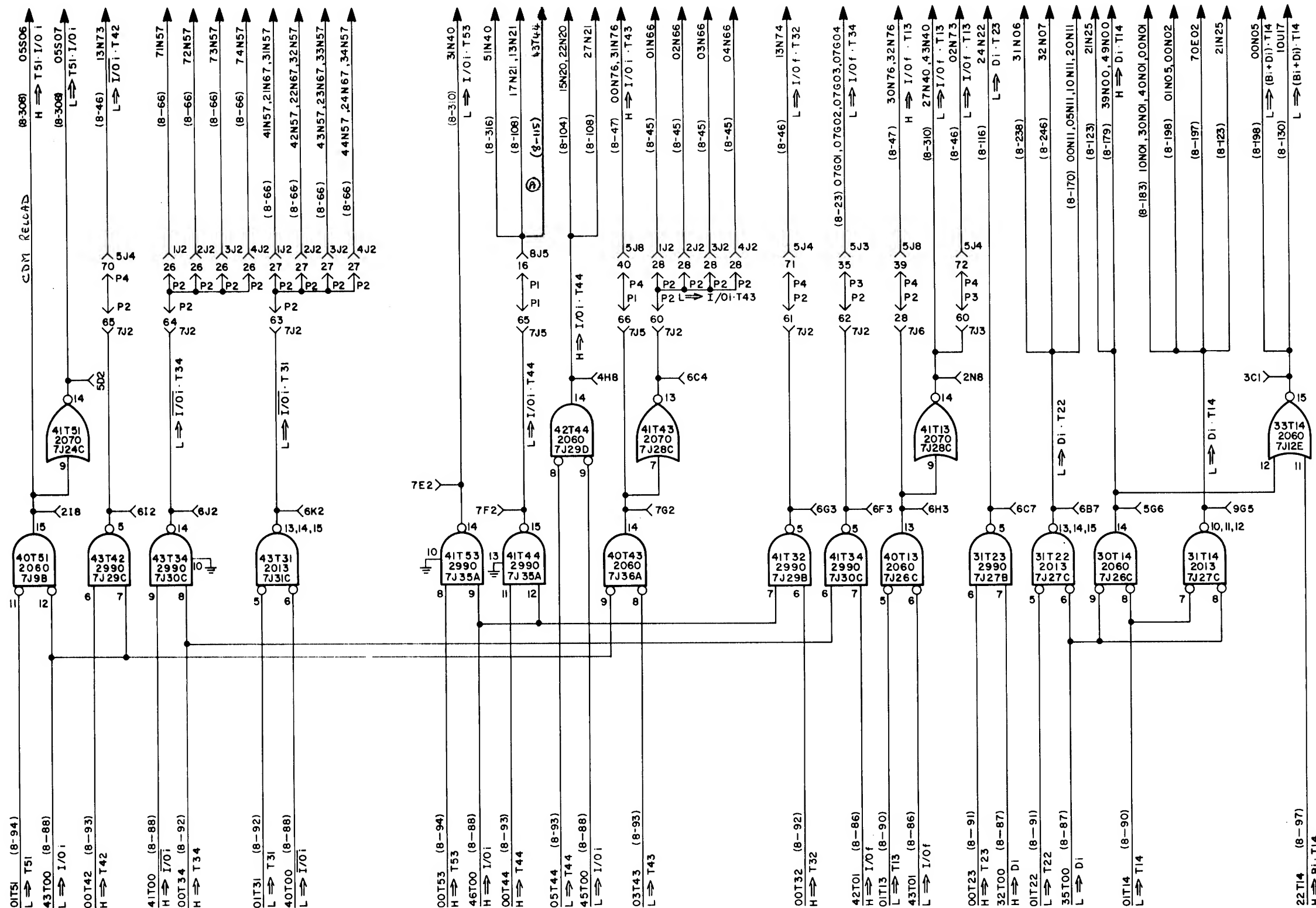
REVISIONS				
SYM	ZONE	EIR	DESCRIPTION	DATE
A		71688	SEE EIR	8/10/25/65
B	E13313		13, 17K2 INSTRUCTION CORRECTION.	
C	3799		PREVENT ERRONEOUS ABORT	

FIGURE 8-98

IDENT NO. 7032907-00

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE SPERRY RAND CORPORATION. IN CONSIDERATION OF THE RECEIPT OF THIS DOCUMENT, THE RECIPIENT AGREES NOT TO REPRODUCE, COPY, USE OR TRANSMIT THIS DOCUMENT AND OR THE INFORMATION THEREIN CONTAINED IN WHOLE OR IN PART OR TO SUFFER SUCH ACTION BY OTHERS FOR ANY PURPOSE EXCEPT WITH THE WRITTEN PERMISSION, FIRST OBTAINED, OF SPERRY RAND CORP. AND FURTHER AGREES TO SURRENDER SAME TO SPERRY RAND CORPORATION UPON DEMAND.

UNLESS OTHERWISE SPECIFIED		LAYOUT		DATE		CLASS	
DIMENSION IN INCHES TOLERANCE ON 2 PLACE DECIMALS ±		K. R. POWERS		8-12-65		A	
HOLE DIAMETER TOLERANCE 0 THRU .250 ±.003 .251 THRU .500 ±.005 .501 & LARGER ±.010		CHECKER B. POPOV		DRAFTSMAN		TITLE	
THREADS: EXT. CL. 2A, INT. CL. 2B		ENGINEER D. HAIR		K. R. POWERS		FUNCTIONAL SCHEMATIC, SEQUENCE TIMING 3	
MATERIAL		APPROVAL		CODE IDENT NO.		SIZE	
FINISH		D. HAIR		90536		D	
NEXT ASSY		EQUIPMENT		DWG NO.		7032907	
APPLICATION		COMMODITY CODE		SCALE		WEIGHT	
				SHEET		OF	



REVISIONS				
SYM	ZONE	EIR	DESCRIPTION	DATE
0166			FALSE CONFLICT MOD	

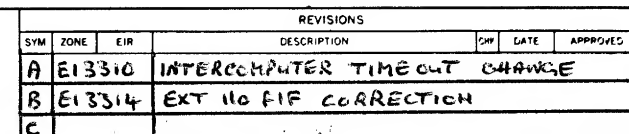
FIGURE 8-99

IDENT NO. 7075187-00

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION AND IS FURNISHED PURSUANT TO THE FOLLOWING INSTRUMENT:

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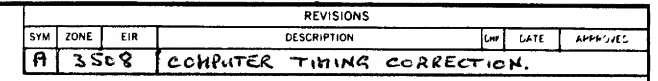
UNLESS OTHERWISE SPECIFIED		LAYOUT		DATE		CLASS	
DIMENSION IN INCHES TOLERANCE ON		DRAFTSMAN		12-12-66		A	
2 PLACE DECIMALS		D. ERICKSON					
3 PLACE DECIMALS		CHECKER		R.E. STRELNIEKS		3-31-67	
ANGLES		ENGINEER		D. HAIR		3-31-67	
HOLD DIAMETER TOLERANCE		APPROVAL					
0 THRU .250							
.251 THRU .500							
.501 & LARGER							
THREADS, EXCEPT 2A, INT CL 2B							
MATERIAL							
FINISH							
NEXT ASST							
EQUIPMENT							
APPLICATION							
COMMUNITY CODE							
LIST OF MATERIAL				UNIVAC			
DIVISION OF SPERRY RAND CORPORATION				TITLE			
FUNCTIONAL SCHEMATIC, SEQUENCE TIMING 4				CODE IDENT NO.			
90536				SIZE			
D				DWG NO.			
7075187				SCALE			
				WEIGHT			
				SHEET			
				OF			



QTY REQD	FIND	REF DES	CODE IDENT	DWG SIZE	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION
LIST OF MATERIAL						
		DATE	CLASS A	UNIVAC <small>DIVISION OF SPERRY RAND CORPORATION</small>		
N CKETT		12-9-66	TITLE	FUNCTIONAL SCHEMATIC, SEQUENCE TIMING 5		
POV		<i>W.D.B.P.</i> 8-31-67				
IR		<i>DEAL</i> 5-31-67				
<i>Edw...</i>		8-31-67	CODE IDENT NO.	SIZE	DWG NO.	
			90536	D	7075188	
			SCALE	WEIGHT		SHEET OF

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QTY REQD	FIND	REF DES	CODE IDENT	DWG SIZE	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION
LIST OF MATERIAL						
		DATE	CLASS A	UNIVAC <small>DIVISION OF SPERRY RANE CORPORATION</small>		
URDEMAN		3-7-67	TITLE	FUNCTIONAL SCHEMATIC, MEMORY TIMING		
CHIEKS	<i>W.D. R.E.S.</i>	3-31-67				
	<i>W.D. R.E.S.</i>	3-31-67				
<i>W.D. R.E.S.</i>		3-31-67	CODE IDENT NO.	SIZE	DWG NO.	
			90536	D	7075242	
			SCALE	WEIGHT	SHEET OF	

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REVISIONS				
SYM	ZONE	EIR	DESCRIPTION	DATE
A	3744		PREVENT ERRONEOUS ABORT	

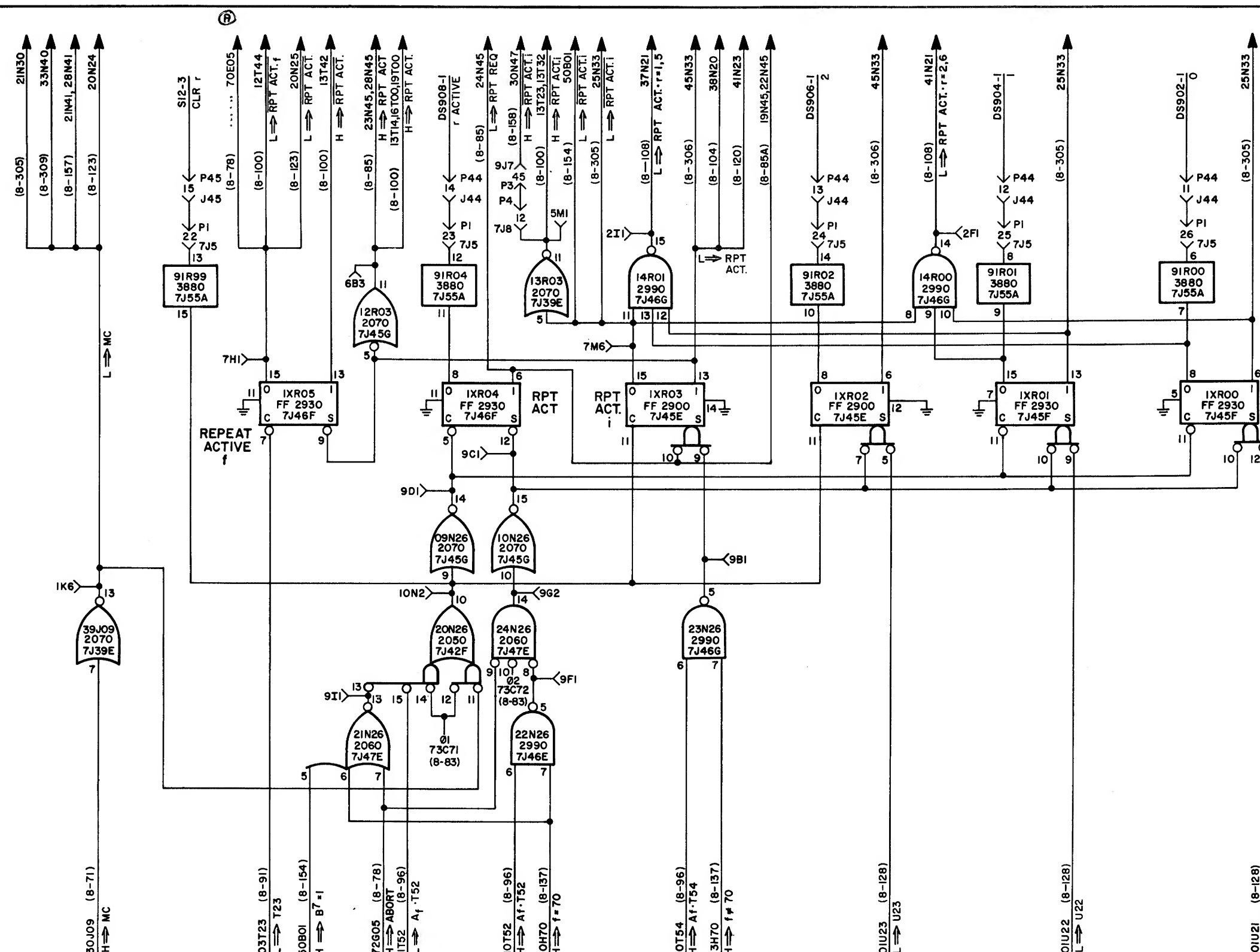


FIGURE 8-102

IDENT NO. 7075189-00

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION AND IS FURNISHED PURSUANT TO THE FOLLOWING INSTRUMENT.

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UNLESS OTHERWISE SPECIFIED		LAYOUT		DATE	CLASS	UNIVAC	
DIMENSION IN INCHES. TOLERANCE ON		DRAFTSMAN		12-10-66	A	DIVISION OF SPERRY RAND CORPORATION	
2 PLACE DECIMALS ± .003		E. BICKETT				TITLE	
3 PLACE DECIMALS ± .005		CHECKER				FUNCTIONAL SCHEMATIC, r DESIGNATOR	
ANGLES ± .005		B. POPOV				CODE IDENT NO.	
HOLE DIAMETER TOLERANCE		ENGINEER				SIZE	
0 THRU .250 ± .003		D. HAIR				DWG NO.	
.251 THRU .500 ± .005		APPROVAL				90536	
.501 & LARGER ± .010		12-10-66				D	
THREADS: EXCEPT CL 2A, INT CL 2B						7075189	
MATERIAL						SCALE	
FINISH						WEIGHT	
NEXT ASSY						SHEET 1 OF 1	
EQUIPMENT							
APPLICATION							
COMMODITY CODE							

REVISIONS				
SYM	ZONE	EIR	DESCRIPTION	CHK DATE APPROVED

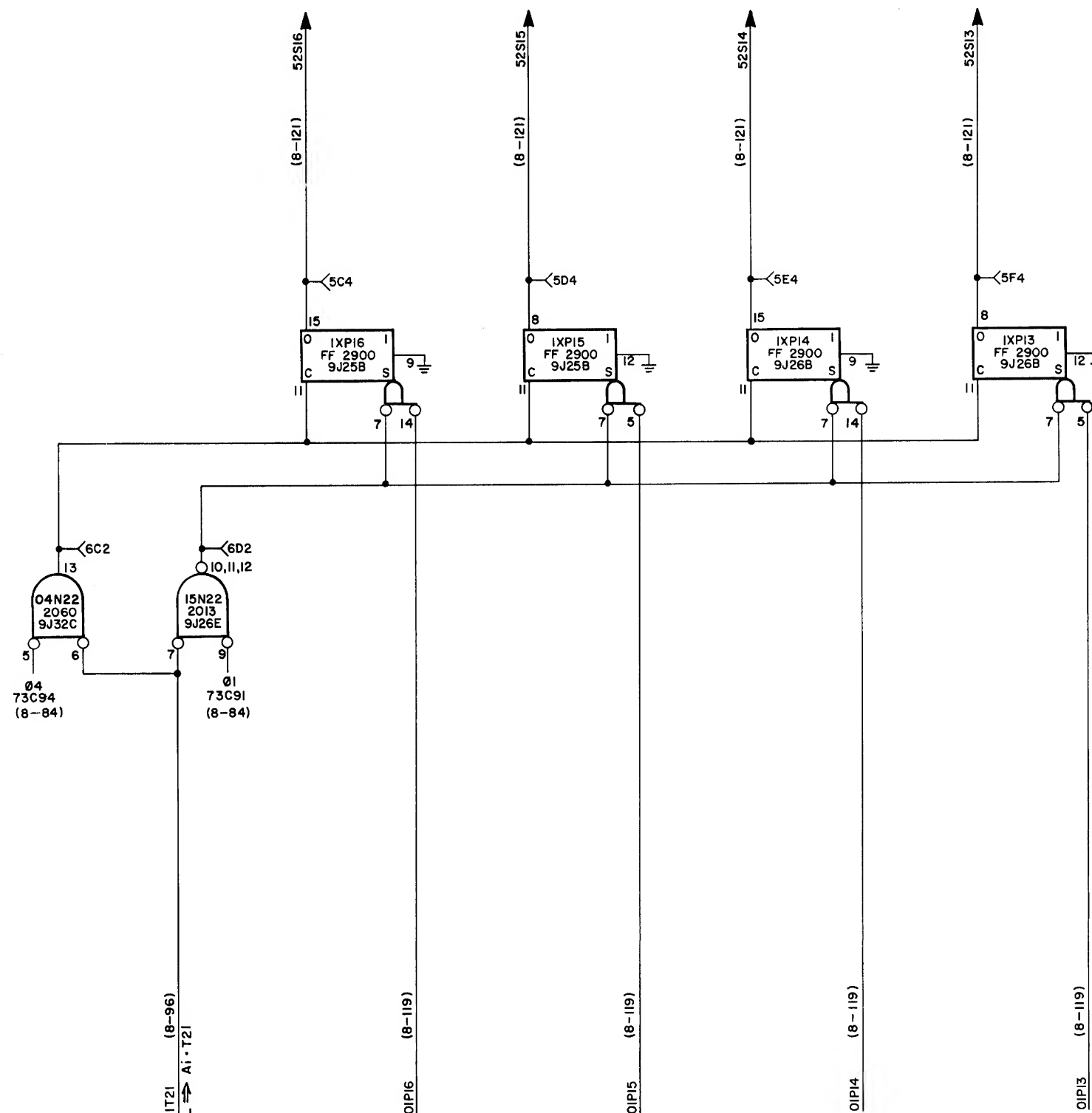
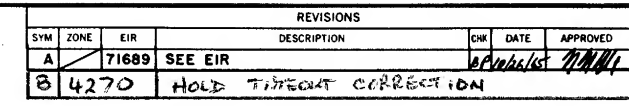


FIGURE 8-103

IDENT NO. 7032914 - 00

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION AND IS FURNISHED PURSUANT TO THE FOLLOWING INSTRUMENT:
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UNLESS OTHERWISE SPECIFIED		LAYOUT		DATE	CLASS	UNIVAC DIVISION OF SPERRY RAND CORPORATION	
DIMENSION IN INCHES TOLERANCE OR 2 PLACE DECIMALS		3 PLACE DECIMALS		5-20-65	A	TITLE	
HOLD DIAMETER TOLERANCE		ANGLES				FUNCTIONAL SCHEMATIC, PR REGISTER	
0 THRU .250 + .003 - .002		.251 THRU .500 + .005 - .003		DRAFTSMAN M. MOSENG		CHECKER B. POPOV	
.501 & LARGER + .010 - .005		THREADS: EXT. CL. 2A, INT. CL. 2B		ENGINEER D. HAIR		APPROVAL <i>D. Hair</i>	
MATERIAL		FINISH		COMMODITY CODE		CODE IDENT NO. 90536	
NEXT ASSY		EQUIPMENT		APPLICATION		SIZE D	
						DWG NO. 7032914	
						SCALE	
						WEIGHT	
						SHEET 1 OF 1	



QTY REQD	FIND	REF DES	CODE IDENT	SIZE	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION
LIST OF MATERIAL						
DATE		CLASS A	UNIVAC DIVISION OF SPERRY RAND CORPORATION			
TITLE		FUNCTIONAL SCHEMATIC, R REGISTER COMMAND ENABLES				
CODE IDENT NO.		SIZE	DWG NO.			
90536		D	7032690			
SCALE		WEIGHT			SHEET OF	

REVISIONS				
SYM	ZONE	EIR	DESCRIPTION	CHK DATE APPROVED

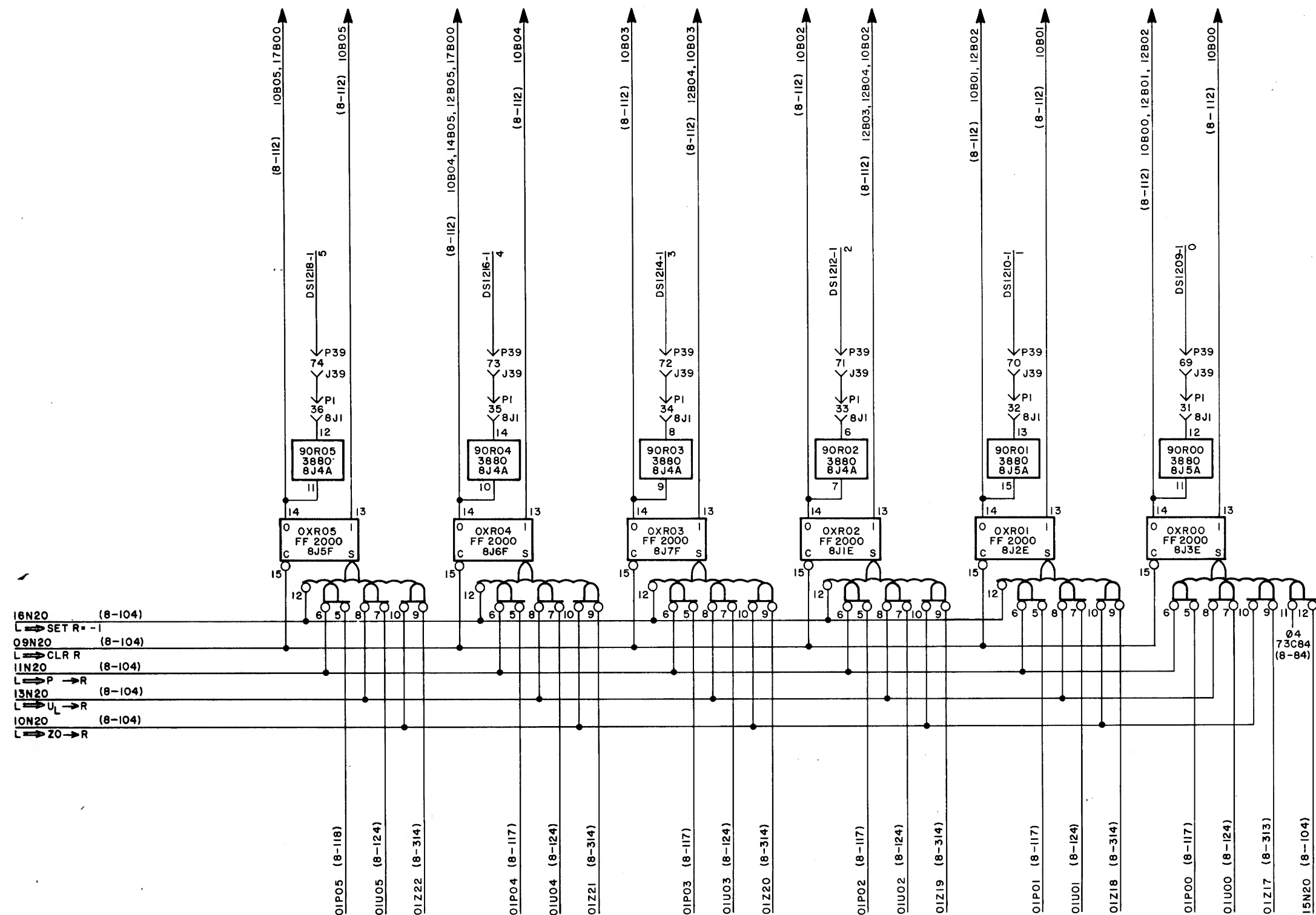
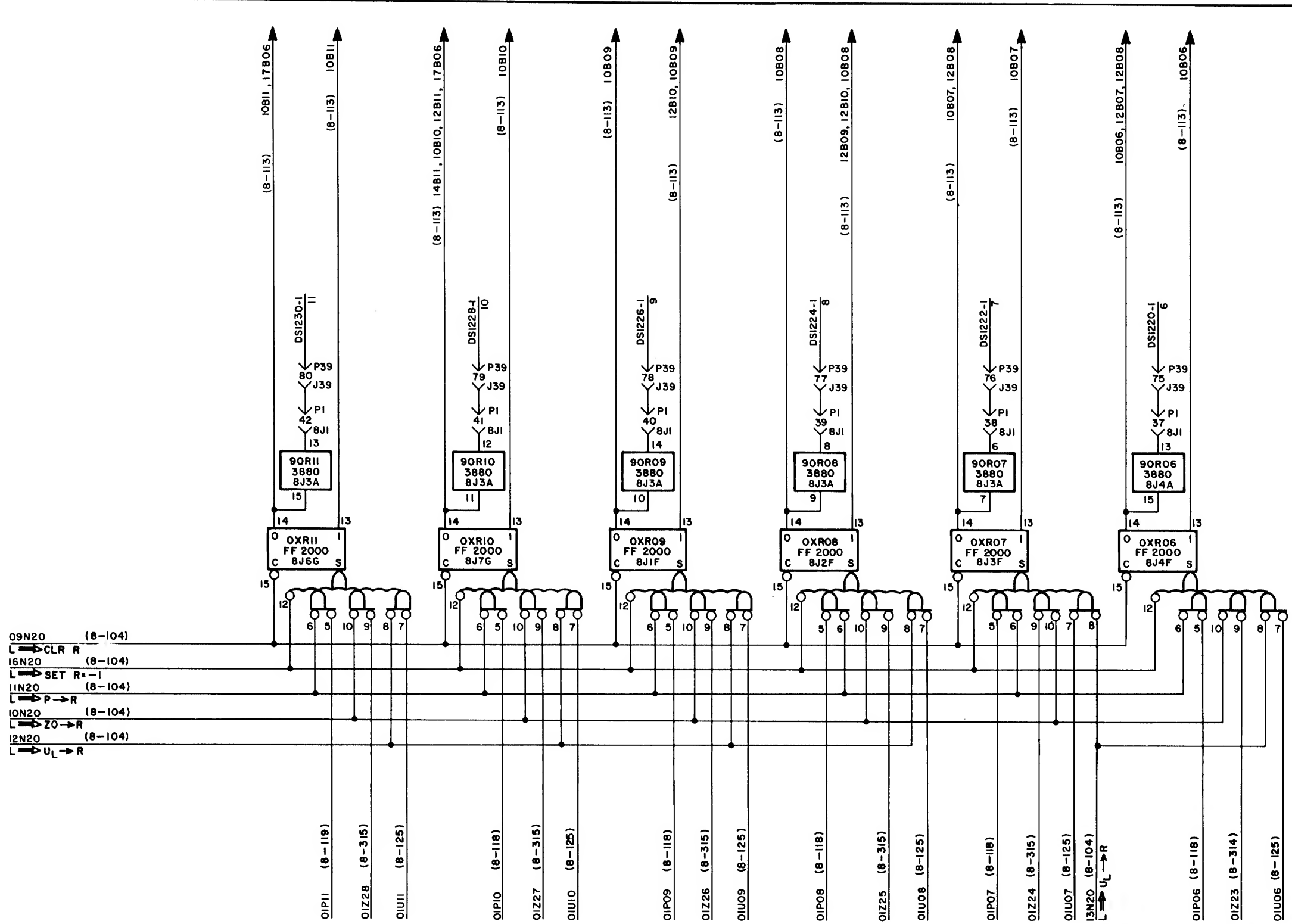


FIGURE 8-105

IDENT NO. 7032691-00

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION AND IS FURNISHED PURSUANT TO THE FOLLOWING INSTRUMENT OR AS OTHERWISE PERMITTED IN WRITING BY THE UNIVAC DIVISION OF SPERRY RAND CORPORATION.

UNLESS OTHERWISE SPECIFIED		DIMENSION IN INCHES. TOLERANCE ON 2 PLACE DECIMALS		3 PLACE DECIMALS		ANGLES	
HOLE DIAMETER TOLERANCE		0 THRU .250		.251 THRU .500		.501 & LARGER	
THREADS: EXT. CL. 2A, INT. CL. 2B		MATERIAL		FINISH		APPLICATION	
NEXT ASSY		EQUIPMENT		COMMODITY CODE		DATE	
CLASS		DRAFTSMAN		CHECKER		ENGINEER	
A		F. MANNING		B. POPOV		D. HAIR	
DATE		8-20-65		9-15-65		9-15-65	
TITLE		FUNCTIONAL SCHEMATIC, R REGISTER BITS 00-05		CODE IDENT NO.		SIZE	
90536		D		DWG NO.		7032691	
SCALE		WEIGHT		SHEET		OF 1	



REVISIONS				
SYM	ZONE	EIR	DESCRIPTION	CHK DATE APPROVED
A		71689	SEE EIR	APPROVED D.H.H.

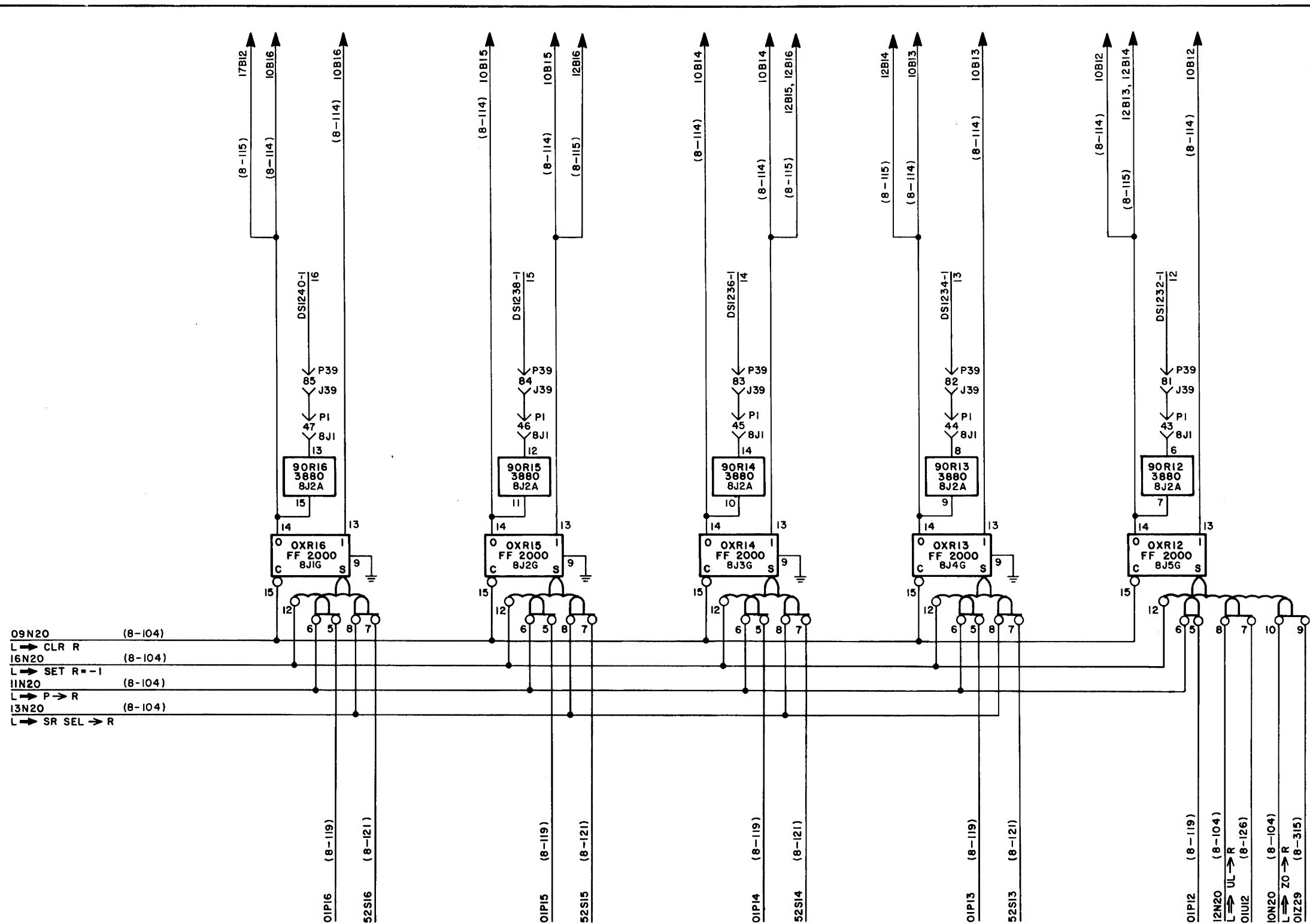
FIGURE 8-106

IDENT NO. 7032692-00

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UNLESS OTHERWISE SPECIFIED		LAYOUT		DATE		CLASS	
DIMENSION IN INCHES TOLERANCE OF 2 PLACE DECIMALS		R. BRASKI		2-22-65		A	
HOLE DIAMETER TOLERANCE		CHECKER		B. POPOV		TITLE	
0 THRU .250 +.003		ENGINEER		D. HAIR		FUNCTIONAL SCHEMATIC, R REGISTER BITS 06-11	
.251 THRU .500 +.005		APPROVAL		D.H.H.		CODE IDENT NO. 90536	
.501 & LARGER +.010		COMMODITY CODE		FINISH		SIZE D	
THREADS EXCL. INT. CL. 2B						DWG NO. 7032692	
						SCALE	
						WEIGHT	
						SHEET 1 OF 1	



REVISIONS				
SYM	ZONE	EIR	DESCRIPTION	DATE
A		71689	SEE EIR	8/10/65

FIGURE 8-107

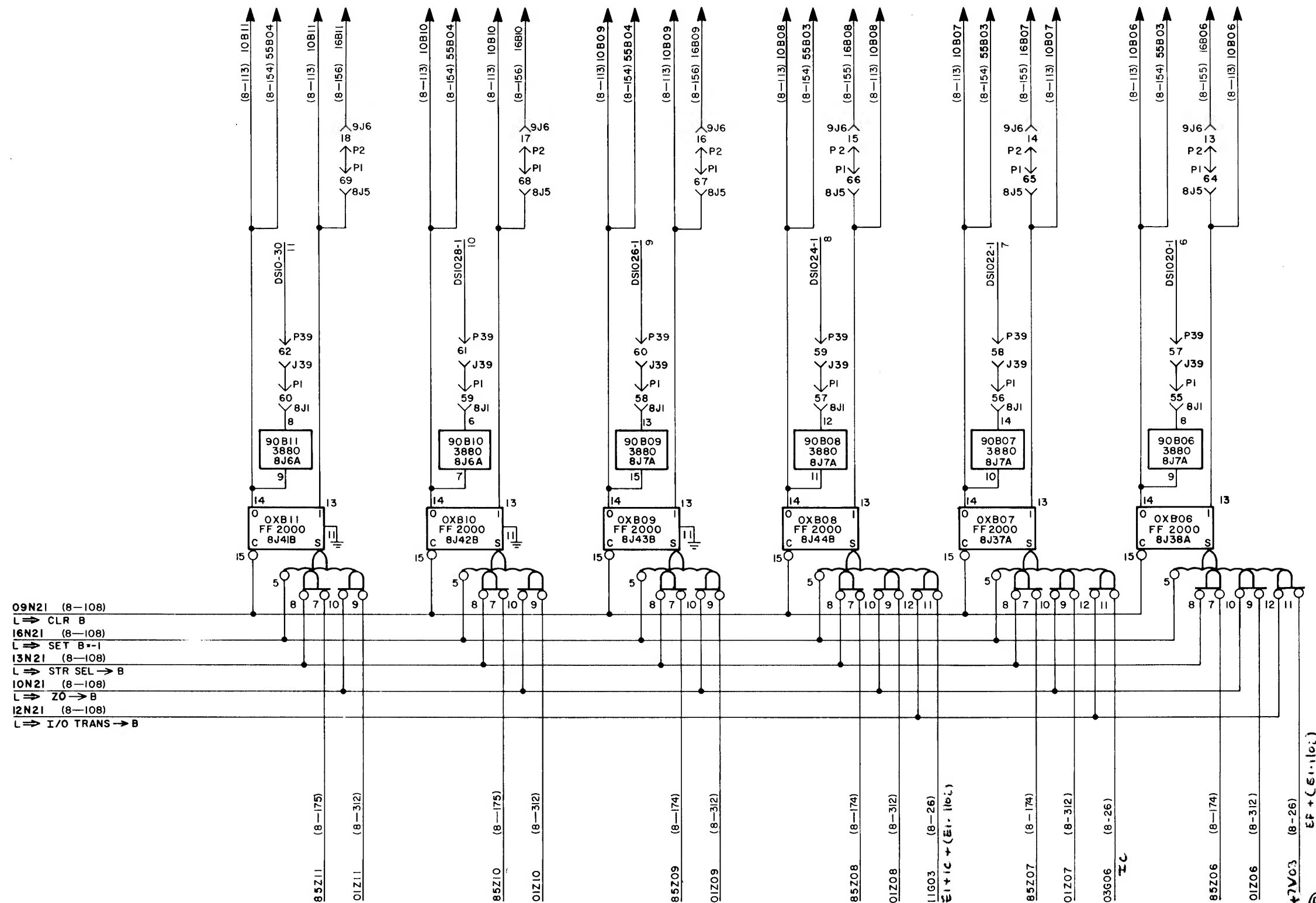
IDENT NO. 7032693-00

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION AND IS FURNISHED PURSUANT TO THE FOLLOWING INSTRUMENT

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QTY REQD	FIND	REF DES	CODE IDENT	DWG SIZE	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION
LIST OF MATERIAL						
UNLESS OTHERWISE SPECIFIED			LAYOUT			
DIMENSION IN INCHES TOLERANCE			DATE			
2 PLACE DECIMALS			CLASS			
3 PLACE DECIMALS			A			
ANGLES			DRAFTSMAN			
HOLE DIAMETER TOLERANCE			R. BRASKI			
0 THRU .250			2-23-65			
.251 THRU .500			CHECKER			
.501 & LARGER			B. POPOV			
THREADS			ENGINEER			
EXT. CL. INT. CL. 2B			D. HAIR			
MATERIAL			APPROVAL			
FINISH			R. U. Mager			
APPLICATION			CODE IDENT NO.			
COMMODITY CODE			SIZE			
			DWG NO.			
			90536			
			D			
			7032693			
			SCALE			
			WEIGHT			
			SHEET			
			OF			

REV	DATE	BY	DESCRIPTION
A	E13215		EMU CHANNEL PRIORITY CHANGE



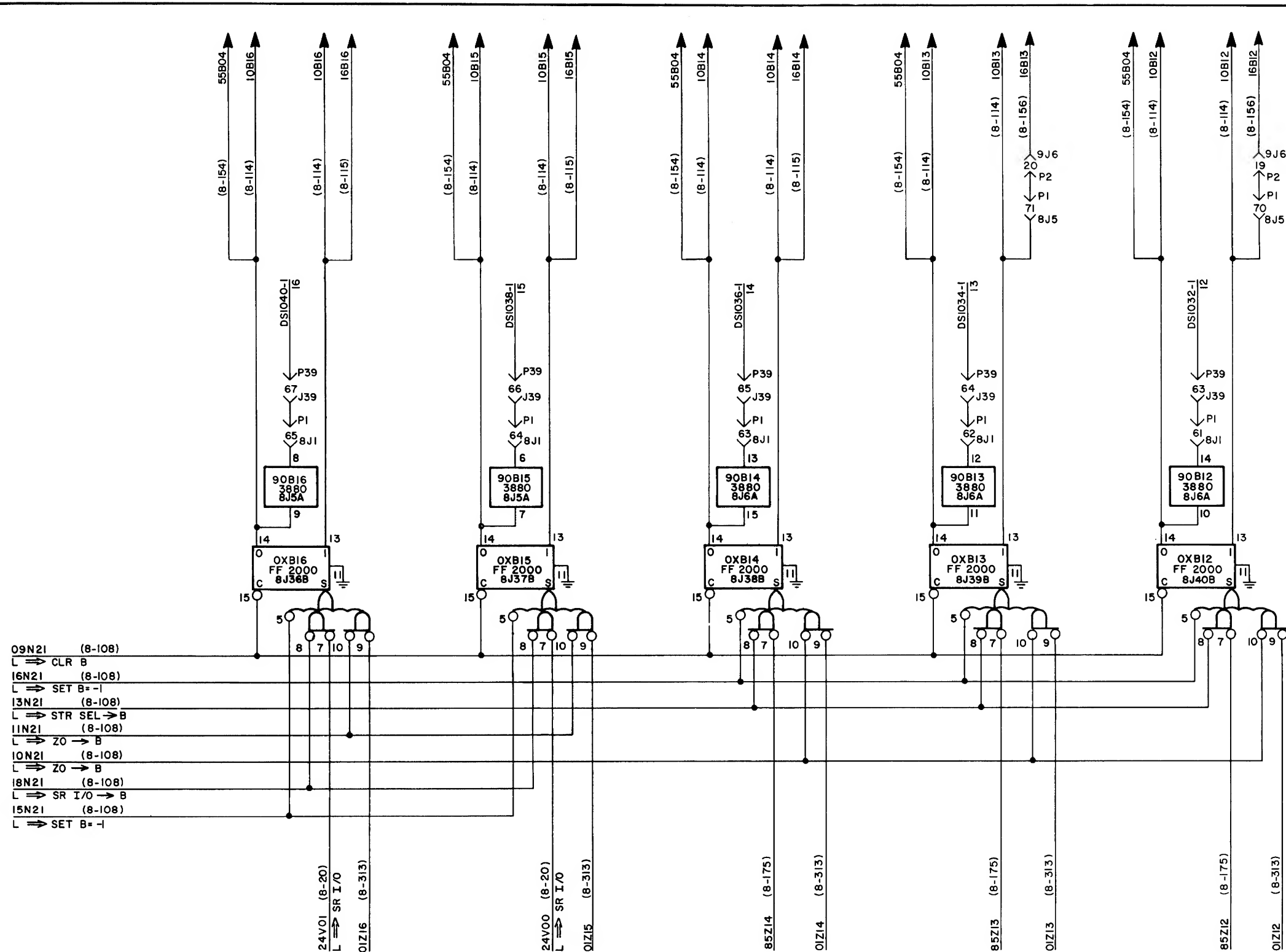
09N21 (8-108)
L → CLR B
16N21 (8-108)
L → SET B-1
13N21 (8-108)
L → STR SEL → B
10N21 (8-108)
L → Z0 → B
12N21 (8-108)
L → I/O TRANS → B

FIGURE 8-110

IDENT NO. 7075190-00

THIS DOCUMENT CONTAINS UNCLASSIFIED INFORMATION
EXCEPT WHERE SHOWN OTHERWISE. IT IS THE PROPERTY OF THE
UNION CARBIDE CORPORATION AND IS LOANED TO YOU BY THE
UNION CARBIDE CORPORATION. IT IS TO BE RETURNED TO THE
UNION CARBIDE CORPORATION WHEN REQUESTED.

UNLESS OTHERWISE SPECIFIED		LAYOUT		DATE	CLASS	UNIVAC	
DIMENSION IN INCHES TOLERANCE ON 2 PLACE DECIMALS		DRAFTSMAN R. C. PETERSON		12 8 66		DIVISION OF SPERRY RAND CORPORATION	
HOLE DIAMETER TOLERANCE 0 THRU .250 +.003 .250 THRU .500 +.005 .501 & LARGER +.010 - .005		CHECKER R. E. STRELNIKS		3-31-67		TITLE FUNCTIONAL SCHEMATIC B REGISTER BITS 06-11	
THREADS EXCEPT 1/4-20, 1/2-20, 3/8-16, 1/2-12, 3/4-16, 1-12, 1-1/2-12, 2-12, 2-1/2-12, 3-12, 4-12, 5-12, 6-12, 8-12, 10-12, 12-12, 14-12, 16-12, 18-12, 20-12, 22-12, 24-12, 26-12, 28-12, 30-12, 32-12, 34-12, 36-12, 38-12, 40-12, 42-12, 44-12, 46-12, 48-12, 50-12, 52-12, 54-12, 56-12, 58-12, 60-12, 62-12, 64-12, 66-12, 68-12, 70-12, 72-12, 74-12, 76-12, 78-12, 80-12, 82-12, 84-12, 86-12, 88-12, 90-12, 92-12, 94-12, 96-12, 98-12, 100-12		ENGINEER D. HAIR		3-31-67		CODE IDENT NO. 90536	
MATERIAL		APPROVAL <i>[Signature]</i>		5-31-67		SIZE D	
FINISH						DWG NO. 7075190	
APPLICATION						SCALE	
COMMUNITY CODE						WEIGHT	
						SHEET 1 OF 1	



REVISIONS				
SYM	ZONE	EIR	DESCRIPTION	CHK DATE APPROVED

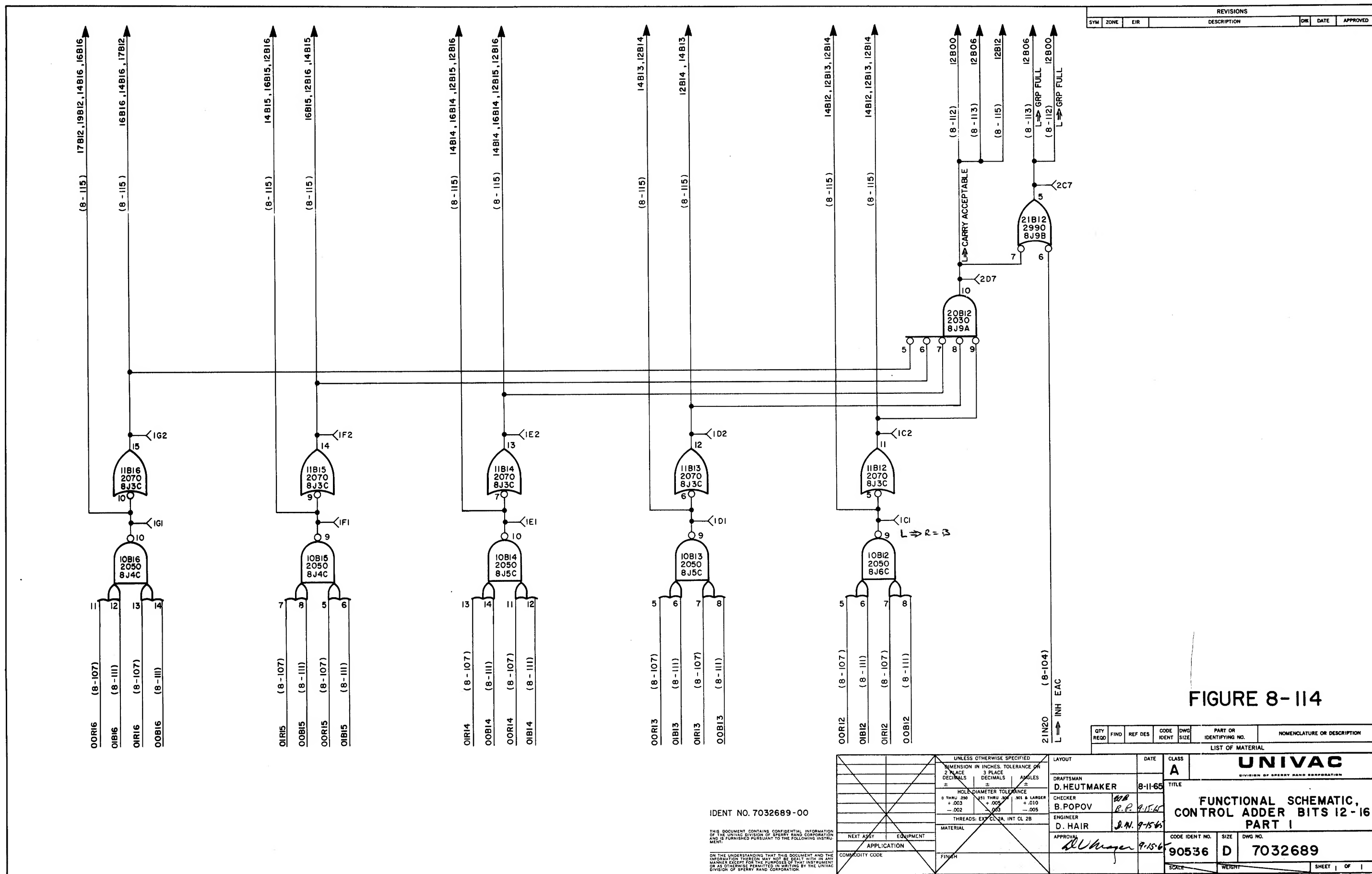
FIGURE 8-III

IDENT NO. 7032680-00

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION AND IS FURNISHED PURSUANT TO THE FOLLOWING INSTRUMENT:

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QTY REQD		FIND	REF DES	CODE IDENT	DWG SIZE	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION
LIST OF MATERIAL							
LAYOUT		DATE	CLASS	UNIVAC DIVISION OF SPERRY RAND CORPORATION			
DRAFTSMAN R. STEBBINS		2-2-65	A	TITLE FUNCTIONAL SCHEMATIC, B REGISTER BITS 12-16			
CHECKER B. POPOV		2-2-65		CODE IDENT NO. 90536			
ENGINEER D. HAIR		2-2-65		SIZE D			
APPROVAL [Signature]		2-2-65		DWG NO. 7032680			
COMMODITY CODE		SCALE		WEIGHT		SHEET 1 OF 1	

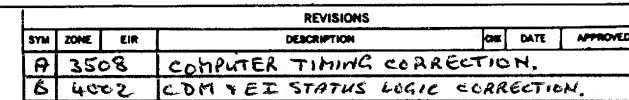


IDENT NO. 7032689-00

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION AND IS FURNISHED PURSUANT TO THE FOLLOWING INSTRUMENT:

ON THE UNDERSTANDING THAT THIS DOCUMENT AND THE INFORMATION THEREON MAY NOT BE DISCLOSED IN ANY MANNER EXCEPT FOR THE PURPOSES OF THAT INSTRUMENT OR AS OTHERWISE PERMITTED IN WRITING BY THE UNIVAC DIVISION OF SPERRY RAND CORPORATION.

UNLESS OTHERWISE SPECIFIED		LAYOUT		DATE		CLASS	
DIMENSION IN INCHES. TOLERANCE ON 2 PLACE DECIMALS 3 PLACE DECIMALS ANGLES		DRAFTSMAN		8-11-65		A	
HOLE DIAMETER TOLERANCE		D. HEUTMAKER					
0 THRU .250 +.003 - .002 .251 THRU .500 +.003 - .002 .501 & LARGER +.010 - .005		CHECKER		B. POPOV		TITLE	
THREADS: EX. CL. 2A, INT. CL. 2B		ENGINEER		D. HAIR		FUNCTIONAL SCHEMATIC, CONTROL ADDER BITS 12-16 PART I	
MATERIAL		APPROVAL		D. Heutmaker 9-15-65		CODE IDENT NO. 90536	
FINISH		COMMODITY CODE				SIZE D	
						DWG NO. 7032689	
						SCALE	
						WEIGHT	
						SHEET 1 OF 1	



QTY REQD	FIND	REF DES	CODE IDENT	DWG SIZE	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION
LIST OF MATERIAL						
		DATE	CLASS A	UNIVAC <small>DIVISION OF SPERRY RAND CORPORATION</small>		
COMPSON		1-26-67	TITLE	FUNCTIONAL SCHEMATIC, P REGISTER, SI & S2 COMMAND ENABLES		
RELNIEKS	<i>W.C.C.</i>	5-31-67				
CE	<i>W.C.C.</i>	5-31-67				
<i>Subby</i>		3-31-67				
			CODE IDENT NO.	SIZE	DWG NO.	
			90536	D	7075240	
			SCALE	WEIGHT	SHEET OF	

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION AND IS FURNISHED PURSUANT TO THE FOLLOWING INSTRUMENT:

ON THE UNDERSTANDING THAT THIS DOCUMENT AND THE INFORMATION THEREON MAY NOT BE DEALT WITH IN A MANNER EXCEPT FOR THE PURPOSES OF THAT INSTRUMENT AND THAT THE PERMISSION IS GRANTED BY THE UNIVAC DIVISION OF SPERRY RAND CORPORATION

		UNLESS OTHERWISE SPECIFIED		DRAWING TITLE	CLASS A		UNIVAC DIVISION OF SPERRY RAND CORPORATION		
		DIMENSION IN INCHES. TOLERANCE ON 2 PLACE DECIMALS 3 PLACE DECIMALS ANGLES ± ± ±		DRAFTSMAN G.R. THOMPSON	DATE 1-26-67		TITLE		
		HOLE DIAMETER TOLERANCE Ø THRU .250 .251 THRU .500 .501 & LARGER + .003 + .005 + .010 -.002 -.003 -.005		CHECKER R.E. STRELNIEKS	5-31-67		FUNCTIONAL SCHEMATIC, P REGISTER, SI & S2 COMMAND ENABLES		
		THREADS: EXT CL 2A, INT CL 2B		ENGINEER D. FREE	5-31-67				
		MATERIAL		APPROVAL <i>[Signature]</i>	5-31-67				
		NEXT ASSY EQUIPMENT				CODE IDENT NO.			SIZE
		APPLICATION				90536		D	7075240
COMMODITY CODE		FINISH				SCALE		WEIGHT	SHEET OF

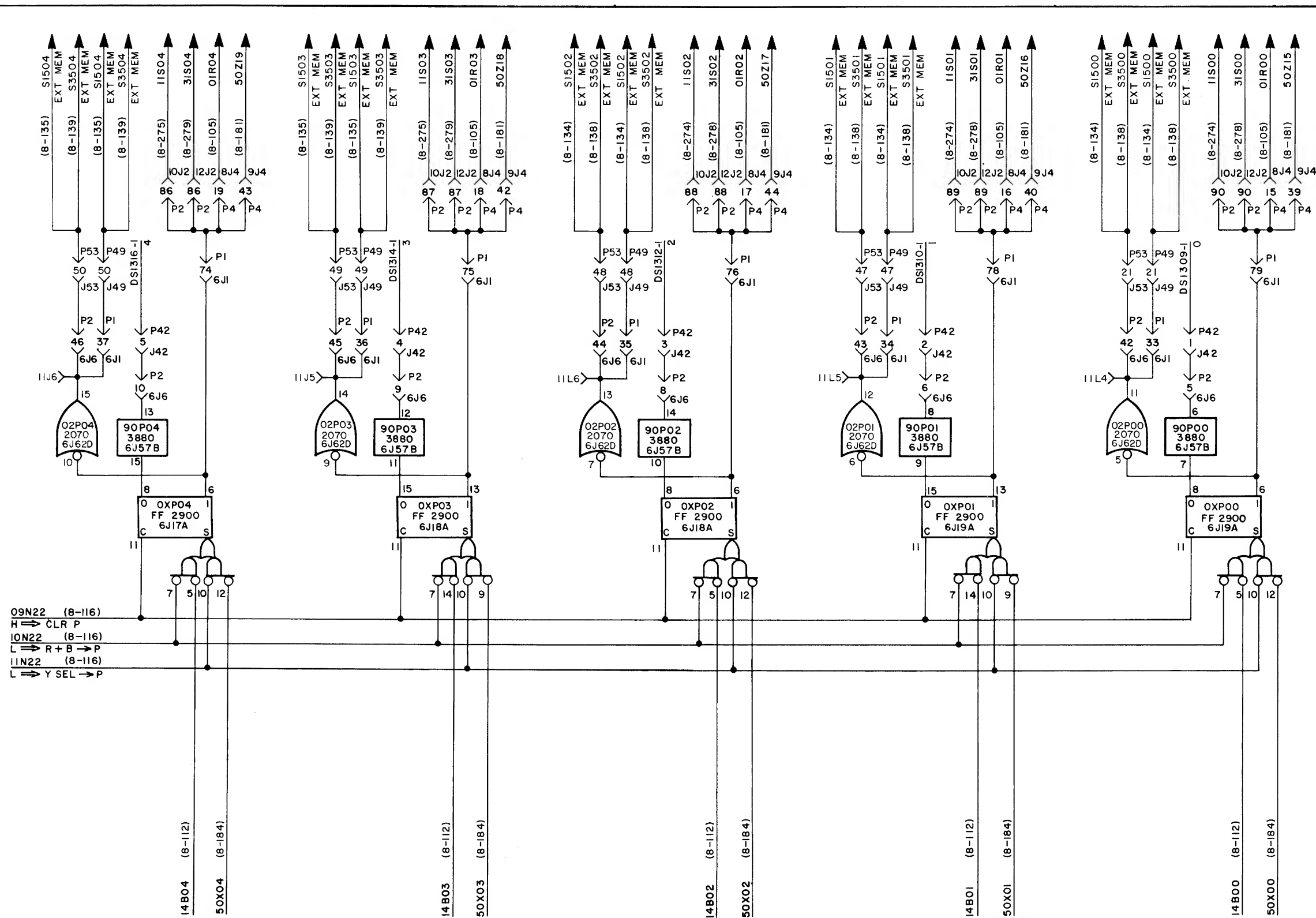


FIGURE 8-117

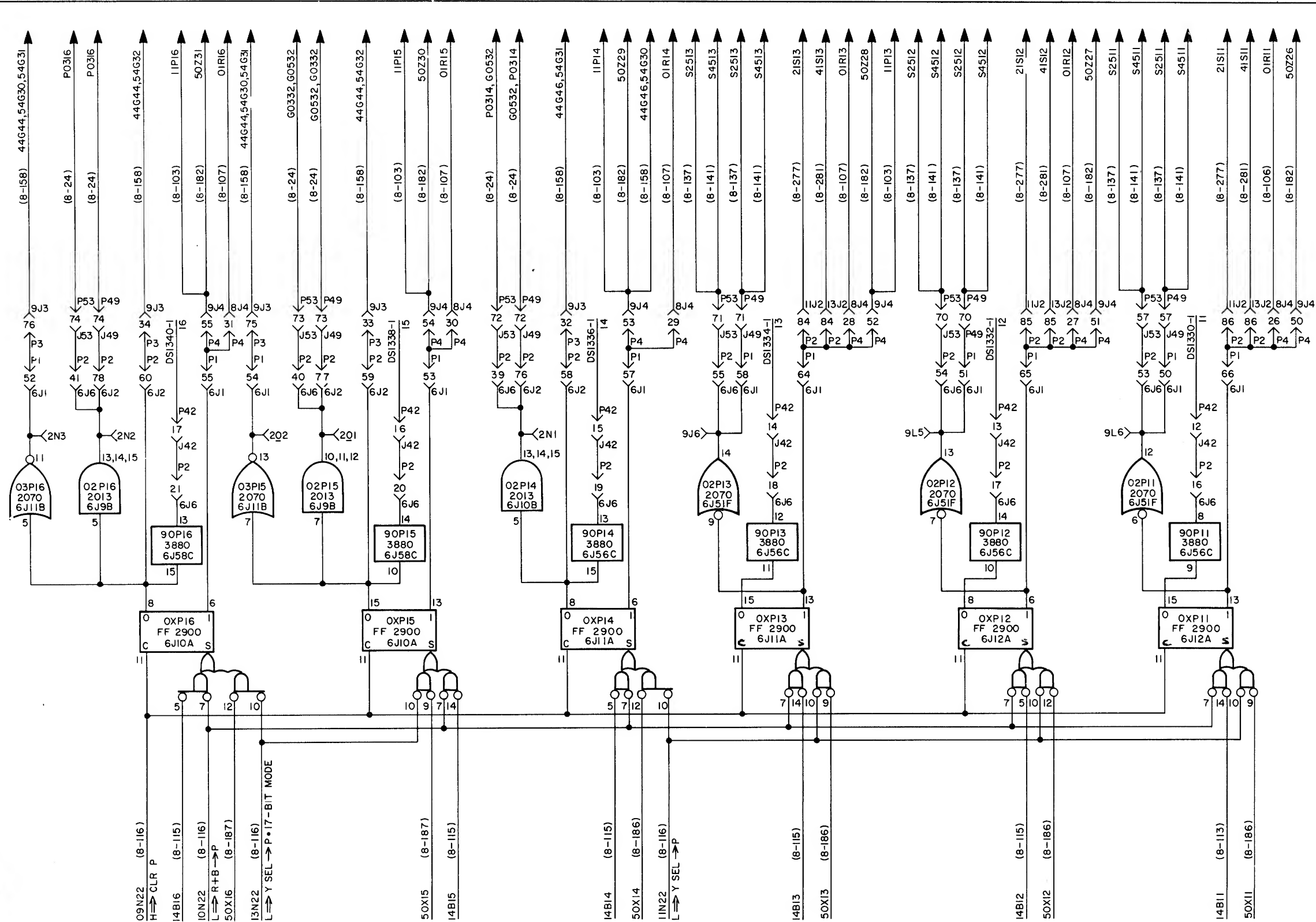
IDENT NO. 7075191-00

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE UNITED STATES OF AMERICA AND IS FURNISHED PURSUANT TO THE FOLLOWING INSTRUMENT

ON THE UNDERSTANDING THAT THIS DOCUMENT AND THE INFORMATION THEREON MAY NOT BE REPRODUCED IN ANY MANNER OR FOR THE PURPOSES OF THAT INSTRUMENT OR AS OTHERWISE PERMITTED IN WRITING BY THE UNITED STATES OF AMERICA

UNLESS OTHERWISE SPECIFIED	
DIMENSION IN INCHES, TOLERANCE	3 PLACE DECIMALS
HOLE DIAMETER TOLERANCE	0 THRU .250 +.003 - .002
THREADS	EX. CL. 2A, INT. CL. 2B
MATERIAL	
FINISH	
COMMODITY CODE	
APPLICATION	
NEXT ASSY	
EQUIPMENT	

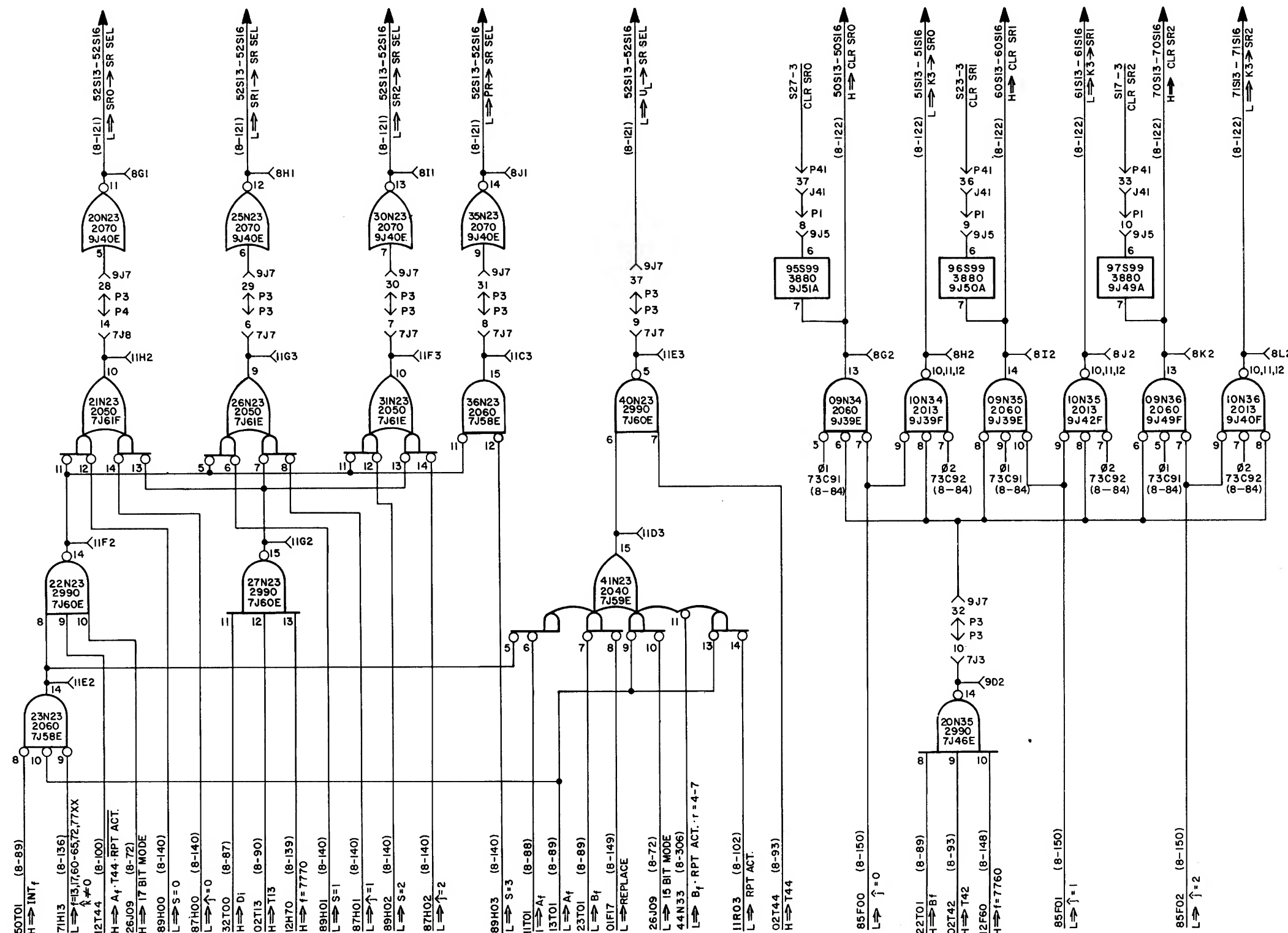
QTY REQD	FIND	REF DES	CODE IDENT	DWG SIZE	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION
LIST OF MATERIAL						
LAYOUT			DATE	CLASS	UNIVAC	
DRAFTSMAN			12-9-66	A	DIVISION OF SPERRY RAND CORPORATION	
CHECKER			3-31-67		TITLE	
ENGINEER			3-31-67		FUNCTIONAL SCHEMATIC	
APPROVAL			3-31-67		P REGISTER	
					BITS 00-04	
CODE IDENT NO.		SIZE	DWG NO.			
90536		D	7075191			
SCALE	WEIGHT	SHEET 1 OF 1				



REVISIONS					
ZONE	LTR	EIR	DESCRIPTION - FOR DETAILS SEE EIR	CHK	DATE

FIGURE 8-119

UNLESS OTHERWISE SPECIFIED		LAYOUT		DATE	
DIMENSIONS IN INCHES TOL. ON		DRAFTSMAN		CLASS	
2 PLACE 3 PLACE ANGLES		D. LODGE		A	
DECIMALS DECIMALS		CHECKER		12-12-6	
+ + +		B. POPOV		3-31-67	
HOLE DIA. TOL.		ENGINEER		3-31-67	
0 THRU .251 THRU .501 AND LARGER		D. HAIR		3-31-67	
+ .003 + .005 + .010		APPROVAL		3-31-67	
- .002 - .003 - .005		D. Lodge		3-31-67	
THREADS: EXT. CL 2A, INT. CL 2B		COMMODITY CODE		IDENT NO. 7075193-00	
				DIVISION OF SPERRY RAND CORPORATION UNIVAC PARK, ST. PAUL, MINN. 55116	
				TITLE	
				FUNCTIONAL SCHEMATIC, P REGISTER BITS 11-16	
				SIZE	
				D	
				CODE IDENT. NO. 90536	
				DWG NO. 7075193	
				SCALE	
				WEIGHT	
				SHEET 1 OF 1	



REVISIONS				
SYM	ZONE	EIR	DESCRIPTION	DATE
A		71691	SEE EIR	10/2/51

FIGURE 8-120

IDENT NO. 7032660--00

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION AND IS FURNISHED PURSUANT TO THE FOLLOWING INSTRUMENT:

ON THE UNDERSTANDING THAT THIS DOCUMENT AND THE INFORMATION THEREON MAY NOT BE DEALT WITH IN ANY MANNER EXCEPT FOR THE PURPOSES OF THAT INSTRUMENT OR AS OTHERWISE PERMITTED IN WRITING BY THE UNIVAC DIVISION OF SPERRY RAND CORPORATION.

UNLESS OTHERWISE SPECIFIED		LAYOUT		DATE		CLASS	
DIMENSION IN INCHES. TOLERANCE ON 2 PLACE DECIMALS		DRAFTSMAN		5-4-65		A	
HOLE DIAMETER TOLERANCE		J. KETTER				TITLE	
0 THRU .250 ± .003		CHECKER		B.P.		FUNCTIONAL SCHEMATIC, SR & SR SELECT CONTROL	
.251 THRU .500 ± .005		ENGINEER		D.H.A.			
.501 & LARGER ± .010		APPROVAL		R.U. Morgan			
THREADS: EX. CL. 1A, INT. CL. 2B		COMMODITY CODE				CODE IDENT NO. 90536	
		APPLICATION				SIZE D	
		FINISH				DWG NO. 7032660	
						SCALE	
						WEIGHT	
						SHEET OF	

REVISIONS				
SYM	ZONE	EJR	DESCRIPTION	DATE

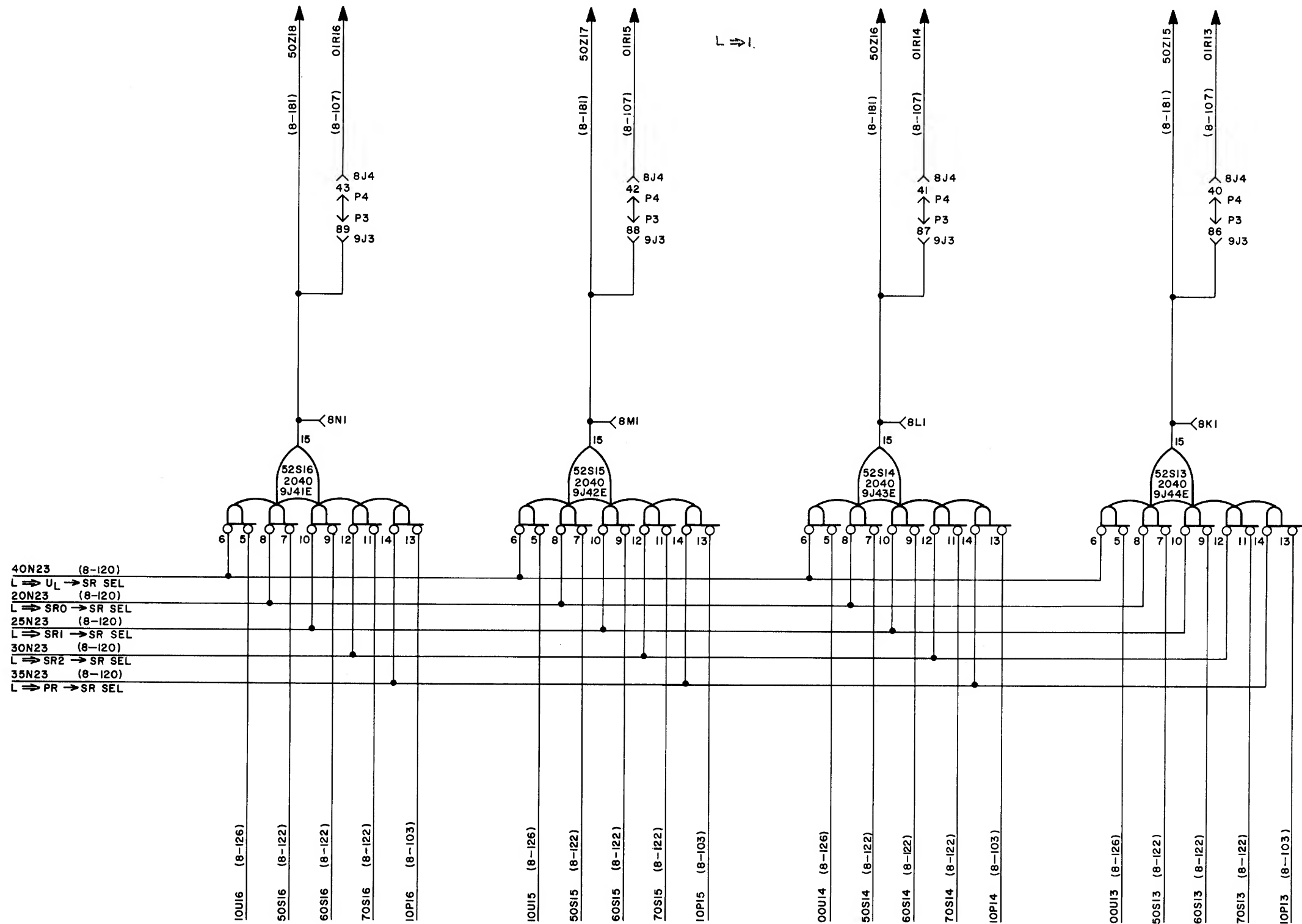


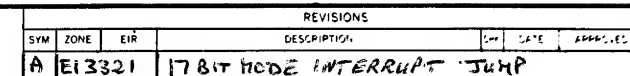
FIGURE 8-121

IDENT NO. 7032666-00

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION AND IS FURNISHED PURSUANT TO THE FOLLOWING INSTRUMENT:

ON THE UNDERSTANDING THAT THIS DOCUMENT AND THE INFORMATION THEREON MAY NOT BE DEALT WITH IN ANY MANNER EXCEPT FOR THE PURPOSES OF THAT INSTRUMENT OR AS OTHERWISE PERMITTED IN WRITING BY THE UNIVAC DIVISION OF SPERRY RAND CORPORATION.

UNLESS OTHERWISE SPECIFIED		LAYOUT		DATE		CLASS	
DIMENSION IN INCHES. TOLERANCE ON 2 PLACE DECIMALS		DRAFTSMAN		5-21-65		A	
HOLE DIAMETER TOLERANCE		CHECKER		B. POPOV		TITLE	
0 THRU .250 +.003		ENGINEER		D. HAIR		FUNCTIONAL SCHEMATIC, SR SELECT	
.251 THRU .500 +.005		APPROVAL		[Signature]		CODE IDENT NO.	
.501 & LARGER +.010		MATERIAL		FINISH		SIZE	
THREADS: EXT. CL 2A, INT. CL 2B		COMMODITY CODE		APPLICATION		DWG NO.	
NEXT ASSY		EQUIPMENT		SCALE		WEIGHT	
COMMODITY CODE		FINISH		SHEET 1 OF 1		7032666	



QTY REQD	FIND	REF DES	CODE IDENT	DWG SIZE	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION
LIST OF MATERIAL						
DATE		CLASS A	UNIVAC DIVISION OF SPERRY RAND CORPORATION			
3-7-67		TITLE	FUNCTIONAL SCHEMATIC, U & U₂ COMMAND ENABLES			
ENGINEERS	<i>W.D. S.</i> 3-31-67					
	<i>W.D. S.</i> 3-31-67					
<i>W.D. S.</i>	3-31-67	CODE IDENT NO.	SIZE	DWG NO.	7075246	
		90536	D			
SCALE		WEIGHT			SHEET	OF

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION AND IS FURNISHED PURSUANT TO THE FOLLOWING INSTRUMENT:

ON THE UNDERSTANDING THAT THIS DOCUMENT AND THE INFORMATION THEREON MAY NOT BE DEALT WITH IN ANY MANNER EXCEPT FOR THE PURPOSES OF THAT INSTRUMENT OR AS OTHERWISE PERMITTED IN WRITING BY THE UNIVAC

REVISIONS					
SYM	ZONE	EIR	DESCRIPTION	CHK	DATE
A		77401	SEE EIR		2/1/55

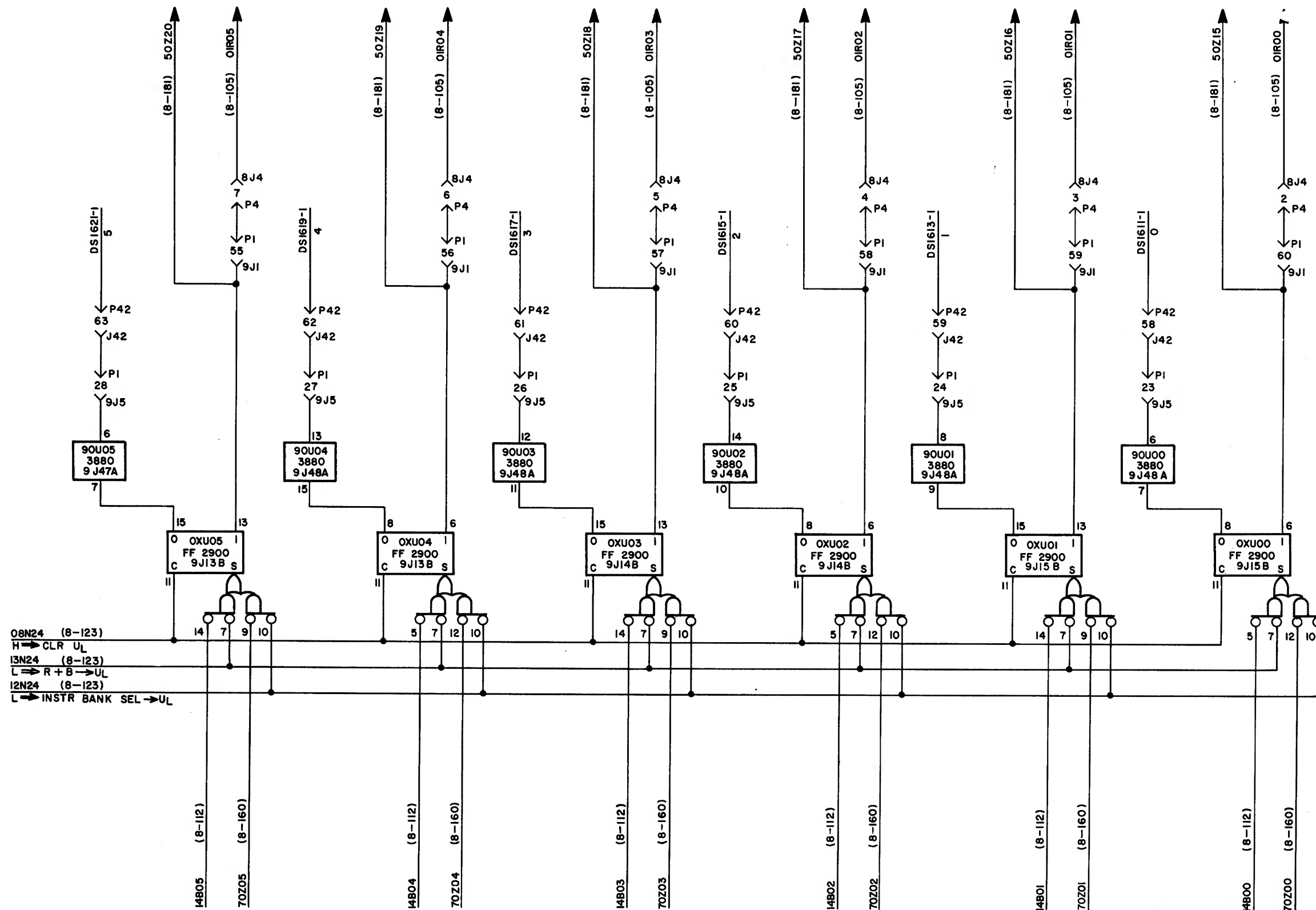
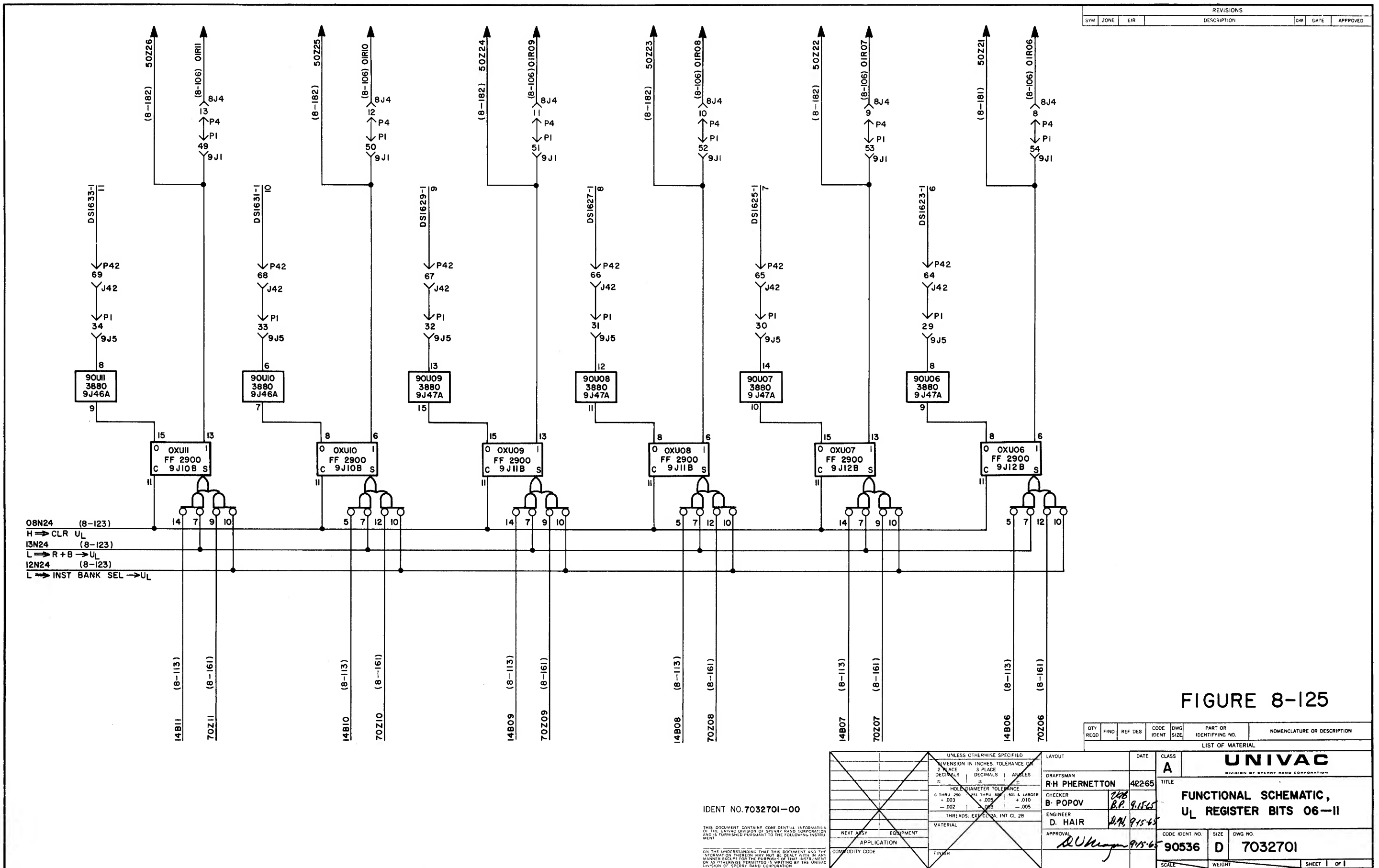


FIGURE 8-124

IDENT NO.7032700-00

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION AND IS FURNISHED PURSUANT TO THE FOLLOWING INSTRUMENT:
ON THE UNDERSTANDING THAT THIS DOCUMENT AND THE INFORMATION THEREON MAY NOT BE DEALT WITH IN ANY MANNER EXCEPT FOR THE PURPOSES OF THAT INSTRUMENT OR AS OTHERWISE PERMITTED IN WRITING BY THE UNIVAC DIVISION OF SPERRY RAND CORPORATION.

UNLESS OTHERWISE SPECIFIED		LAYOUT		DATE		CLASS	
DIMENSION IN INCHES TOLERANCE ON		DRAFTSMAN		42265		A	
2 PLACE DECIMALS		R-H PHERNETTON					
3 PLACE DECIMALS		CHECKER		B. POPOV		TITLE	
HOLE DIAMETER TOLERANCE		ENGINEER		D. HAIR		FUNCTIONAL SCHEMATIC, U _L REGISTER BITS 00-05	
0 THRU .250 +.003		APPROVAL		R. H. PHERNETTON		CODE IDENT NO.	
.251 THRU .500 +.005		COMMODITY CODE				90536	
.501 & LARGER +.010						SIZE	
THREADS EX. CL. INT. CL. 2B						D	
MATERIAL						DWG NO.	
FINISH						7032700	
						SCALE	
						WEIGHT	
						SHEET 1 OF 1	



REVISIONS					
SYM	ZONE	EIR	DESCRIPTION	CHK	DATE
A		71691	SEE EIR		8/12/65
B		77401	SEE EIR		2/12/66
C	E13313	13917K2	INSTRUCTION CORRECTION		1/31/67

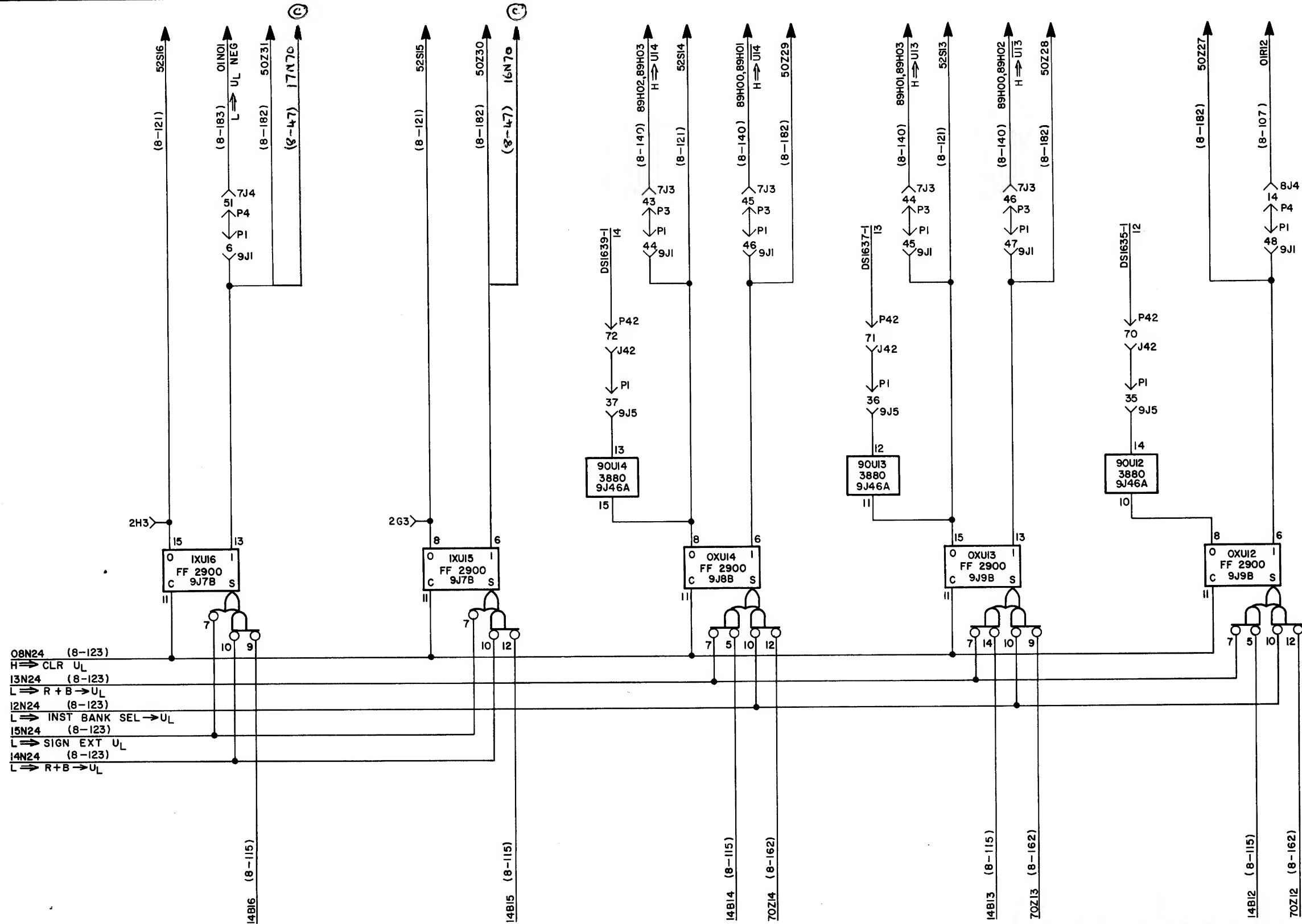


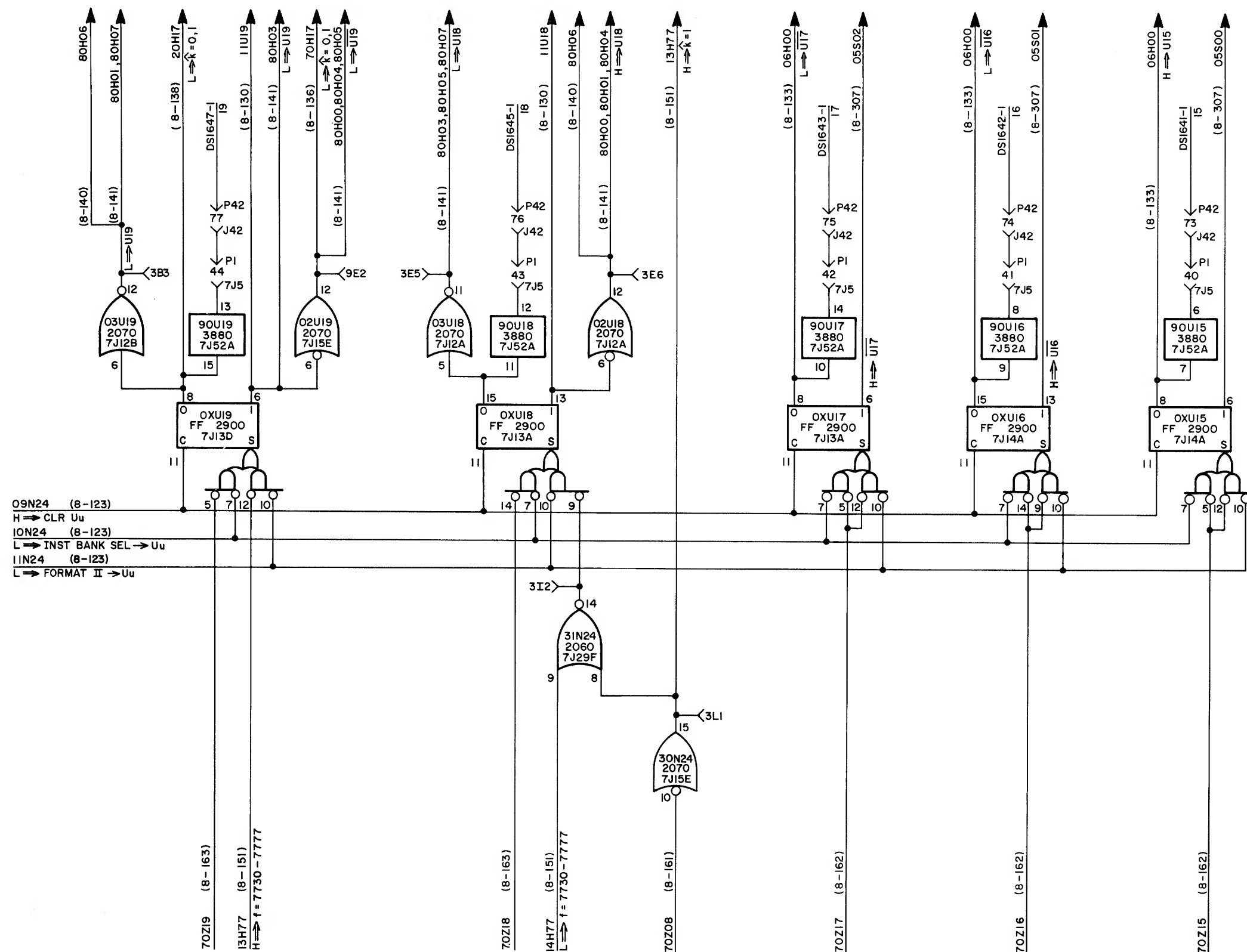
FIGURE 8-126

IDENT NO. 7032702-00

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION AND IS FURNISHED PURSUANT TO THE FOLLOWING INSTRUMENT:

ON THE UNDERSTANDING THAT THIS DOCUMENT AND THE INFORMATION THEREON MAY NOT BE DEALT WITH IN ANY MANNER EXCEPT FOR THE PURPOSES OF THAT INSTRUMENT OR AS OTHERWISE PERMITTED IN WRITING BY THE UNIVAC DIVISION OF SPERRY RAND CORPORATION.

UNLESS OTHERWISE SPECIFIED		LAYOUT		DATE		CLASS	
DIMENSION IN INCHES. TOLERANCE ON:		R-H PHERNETTON		5-12-65		A	
FRACTIONS: 3 PLACE DECIMALS: 1 ANGLES: ±		CHECKER		B. POPOV		TITLE	
HOLE DIAMETER TOLERANCE:		ENGINEER		D. HAIR		FUNCTIONAL SCHEMATIC, U _L REGISTER BITS 12-16	
0 THRU .250: .003 THRU .500: .005 .501 & LARGER: .010		APPROVAL		8/15/65		CODE IDENT NO. 90536	
THREADS: EXT. CL. 2A, INT. CL. 2B		COMMODITY CODE		FINISH		SIZE D	
MATERIAL		APPLICATION		WEIGHT		DWG NO. 7032702	
NEXT ASSY		EQUIPMENT		SHEET 1 OF 1			



REVISIONS				
REV	ZONE	EIR	DESCRIPTION	DATE
A		71691	SEE EIR	8/10/65
B		77384	SEE EIR	4-22-66

FIGURE 8-127

IDENT NO. 7032703-00

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION AND IS FURNISHED PURSUANT TO THE FOLLOWING AGREEMENT:
ON THE UNDERSTANDING THAT THIS DOCUMENT AND THE INFORMATION THEREON MAY NOT BE REPRODUCED, COPIED, OR IN ANY MANNER BE FURNISHED TO THE PUBLIC OR TO ANY OTHER PERSON OR ORGANIZATION WITHOUT THE WRITTEN PERMISSION OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION.

QTY REQD		FIND	REF DES	CODE IDENT	DWG SIZE	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION
LIST OF MATERIAL							
UNIVAC		DIVISION OF SPERRY RAND CORPORATION		TITLE			
DRAFTSMAN		D.C. WHEELER		DATE		6-9-65	
CHECKER		B. POPOV		DATE		6.2.9.15.65	
ENGINEER		D. HAIR		DATE		8.9.15.65	
APPROVAL		[Signature]		DATE		9.8.65	
APPLICATION		EQUIPMENT		MATERIAL		FINISH	
CLASSIFICATION		CONFIDENTIAL		CLASS		A	
CODE IDENT NO.		90536		SIZE		D	
DWG NO.		7032703		SCALE		WEIGHT	
SHEET		1		OF		1	

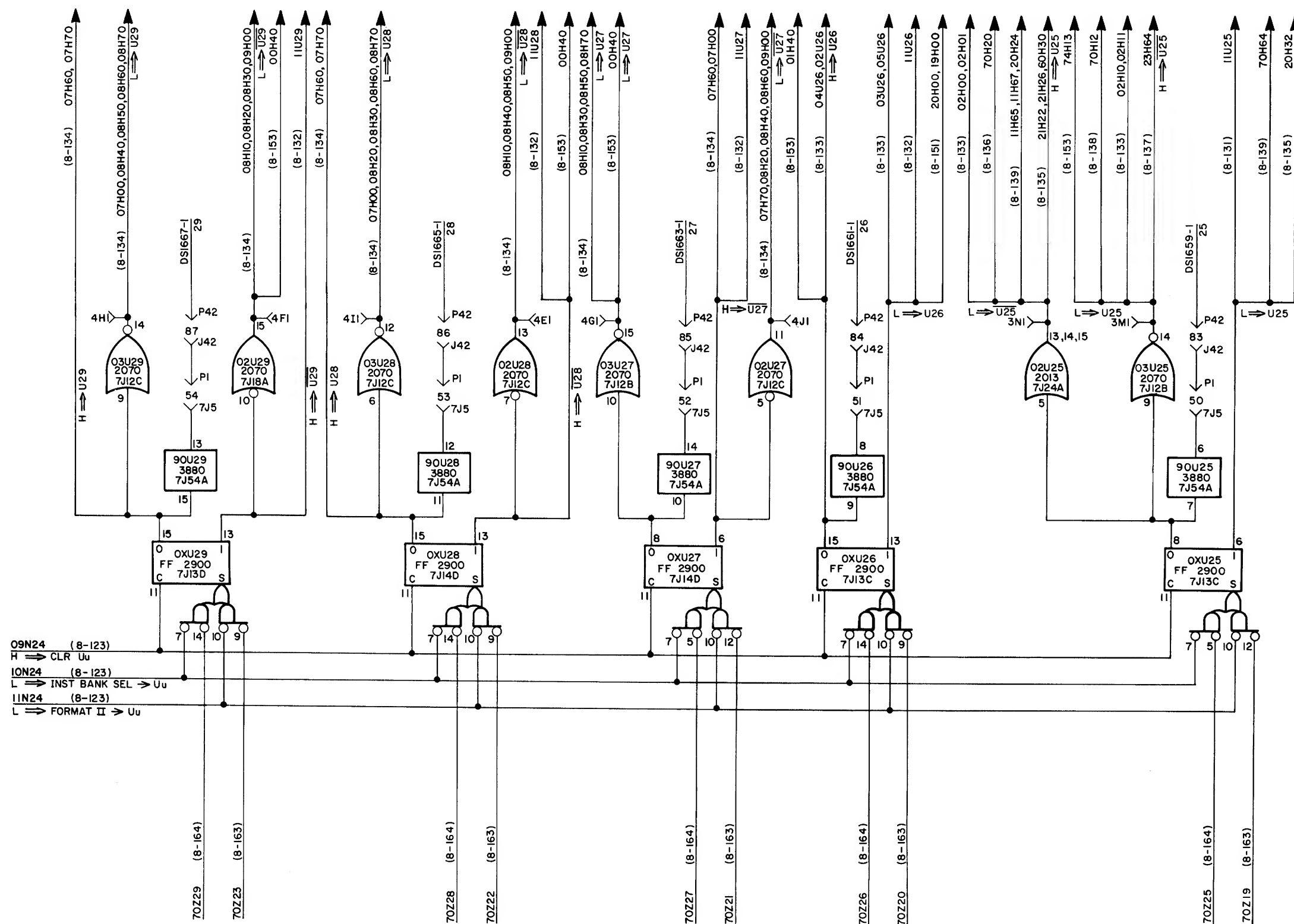


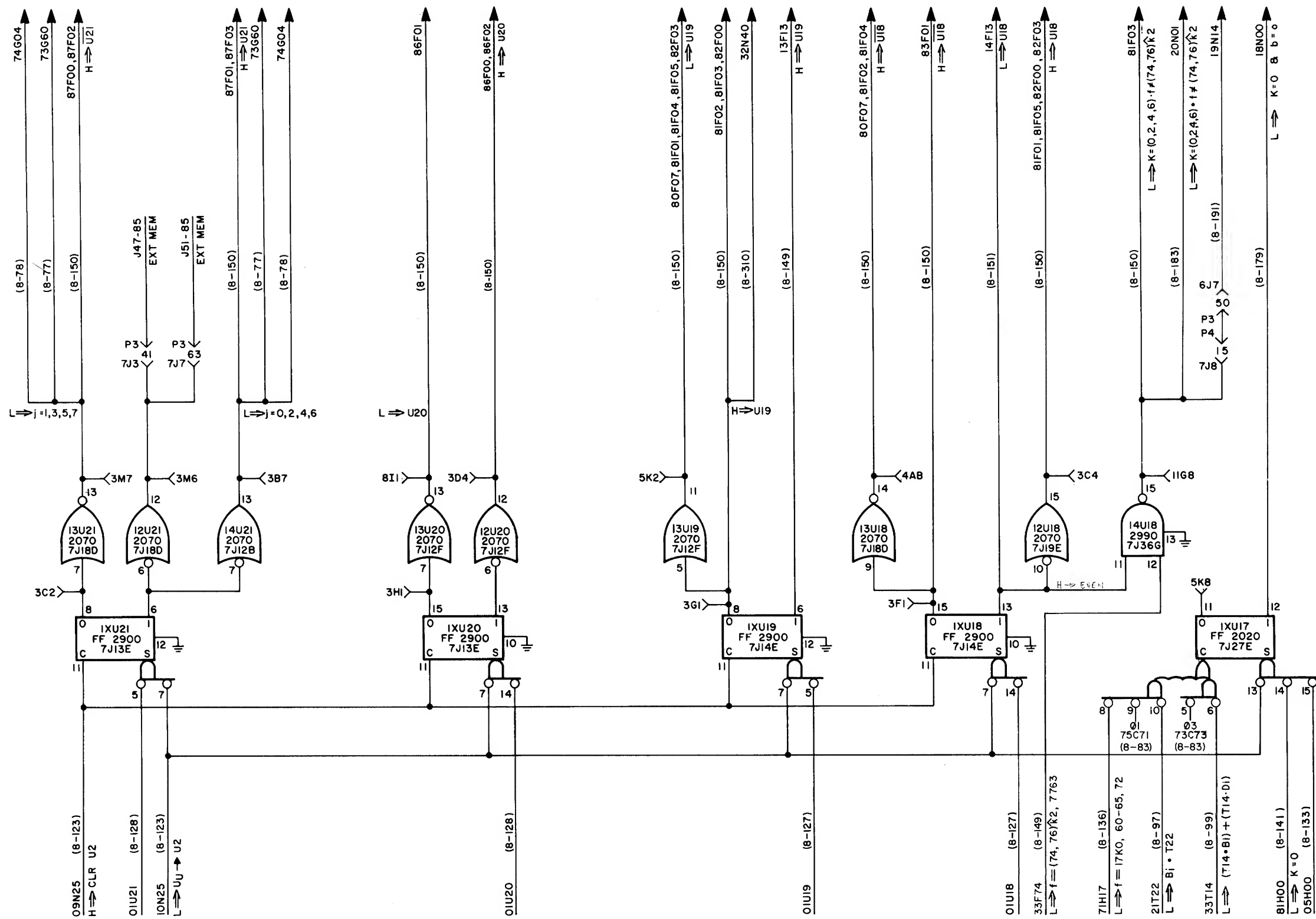
FIGURE 8-129

IDENT NO. 7075195-00

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION AND IS FURNISHED PURSUANT TO THE FOLLOWING INSTRUMENT:

ON THE UNDERSTANDING THAT THIS DOCUMENT AND THE INFORMATION THEREON MAY NOT BE DEALT WITH IN ANY MANNER EXCEPT FOR THE PURPOSES OF THAT INSTRUMENT OR AS OTHERWISE PERMITTED IN WRITING BY THE UNIVAC DIVISION OF SPERRY RAND CORPORATION.

QTY REQD	FIND	REF DES	CODE IDENT	DWG SIZE	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION
LIST OF MATERIAL						
UNLESS OTHERWISE SPECIFIED			LAYOUT			
DIMENSION IN INCHES. TOLERANCE ON 2 PLACE DECIMALS			DATE			
± .003			CLASS			
± .005			A			
± .010			TITLE			
± .015			FUNCTIONAL SCHEMATIC,			
± .020			U0 REGISTER BITS 25-29			
± .030			CODE IDENT NO.			
± .040			90536			
± .050			SIZE			
± .060			D			
± .070			DWG NO.			
± .080			7075195			
± .090			SCALE			
± .100			WEIGHT			
± .110			SHEET 1 OF 1			



REVISIONS				
SYM	ZONE	EIR	DESCRIPTION	DATE

FIGURE 8-130

IDENT NO. 7075196-00

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION AND IS FURNISHED PURSUANT TO THE FOLLOWING INSTRUMENT:

ON THE UNDERSTANDING THAT THIS DOCUMENT AND THE INFORMATION THEREON MAY NOT BE DISCLOSED IN ANY MANNER EXCEPT FOR THE PURPOSES OF THAT INSTRUMENT OR AS OTHERWISE PERMITTED IN WRITING BY THE UNIVAC DIVISION OF SPERRY RAND CORPORATION.

UNLESS OTHERWISE SPECIFIED		LAYOUT		DATE	CLASS
DIMENSION IN INCHES. TOLERANCE ON		DRAFTSMAN		12-9-66	A
2 PLACE DECIMALS ±		E. BICKETT			
3 PLACE DECIMALS ±		CHECKER		3-31-67	
ANGLES ±		B. POPOV		3-31-67	
HOLE DIAMETER TOLERANCE		ENGINEER			
0 THRU .250 +.003		D. HAIR		3-31-67	
.251 THRU .500 +.005		APPROVED			
.501 & LARGER +.010					
THREADS: EXT. CL. 2A, INT. CL. 2B					
MATERIAL					
FINISH					
NEXT ASSY					
EQUIPMENT					
APPLICATION					
COMMODITY CODE					
TITLE		FUNCTIONAL SCHEMATIC, U2 REGISTER BITS 17-21			
QTY REQD	FIND	REF DES	CODE IDENT	DWG SIZE	PART OR IDENTIFYING NO.
LIST OF MATERIAL					
UNIVAC					
DIVISION OF SPERRY RAND CORPORATION					
CODE IDENT NO.	SIZE	DWG NO.			
90536	D	7075196			
SCALE	WEIGHT	SHEET 1 OF 1			

REVISIONS				
SYM	ZONE	EIR	DESCRIPTION	DATE

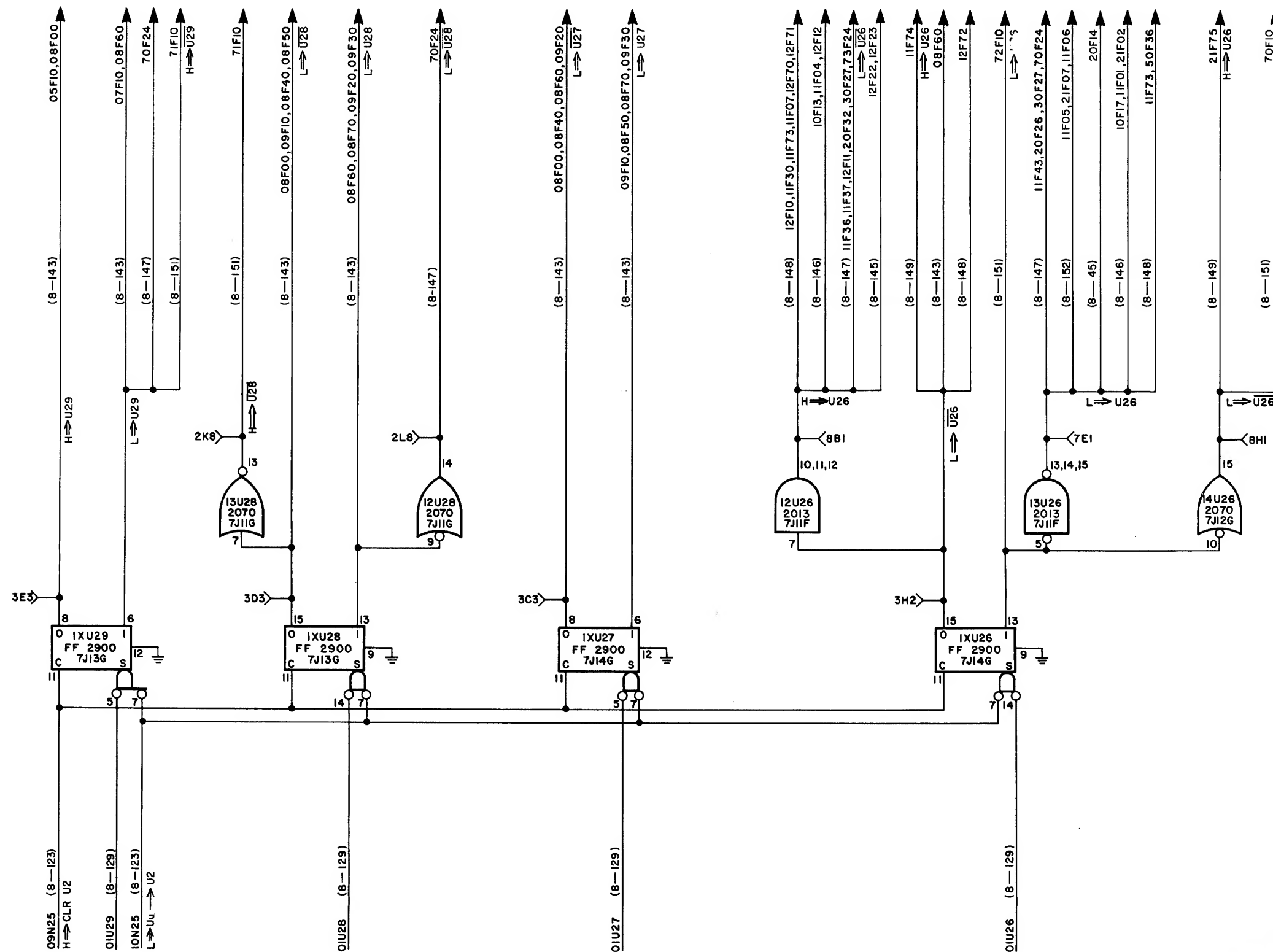


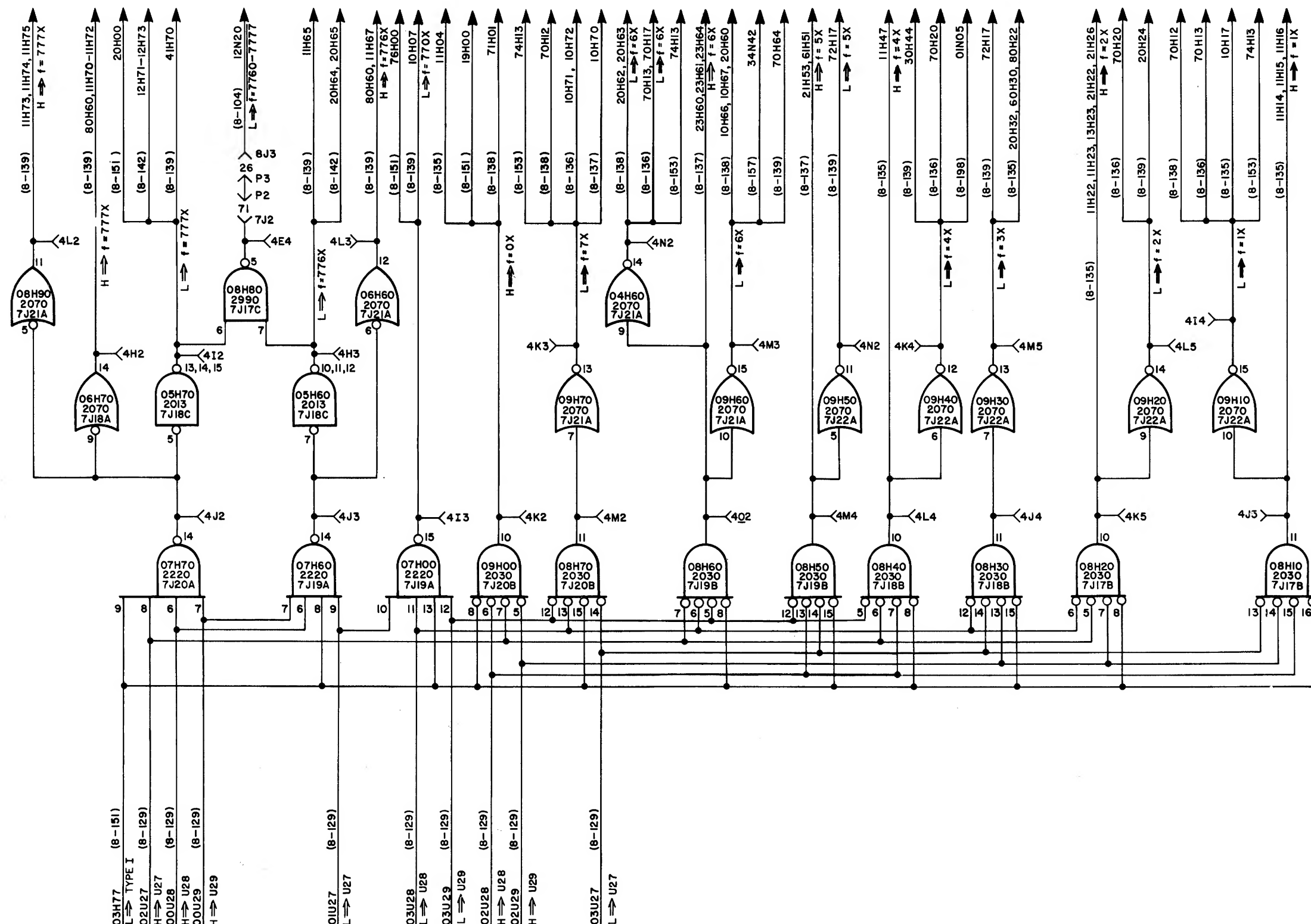
FIGURE 8-132

QTY	FIND	REF DES	CODE	DWG	PART OR	NOMENCLATURE OR DESCRIPTION
REQD			IDENT	SIZE	IDENTIFYING NO.	
LIST OF MATERIAL						
UNLESS OTHERWISE SPECIFIED			CLASS			
DIMENSION IN INCHES. TOLERANCE ON 2 PLACE DECIMALS			A			
HOLE DIAMETER TOLERANCE			R.C. PETERSON			
0 THRU .250			CHECKER			
+.003			R.E. STRELNIEKS			
-.002			ENGINEER			
THREADS: EXT CL 2A, INT CL 2B			D. FREE			
MATERIAL			APPROVED			
FINISH			3-31-67			
NEXT ASSY			EQUIPMENT			
APPLICATION			COMMODITY CODE			
DATE			3-31-67			
CLASS			A			
TITLE			FUNCTIONAL SCHEMATIC, U2 REGISTER BITS 26-29			
CODE IDENT NO.			90536			
SIZE			D			
DWG NO.			7075198			
SCALE			SHEET 1 OF 1			

IDENT NO. 7075198-00

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION AND IS FURNISHED PURSUANT TO THE FOLLOWING INSTRUMENT:

ON THE UNDERSTANDING THAT THIS DOCUMENT AND THE INFORMATION THEREON MAY NOT BE DEALT WITH IN ANY MANNER EXCEPT FOR THE PURPOSES OF THAT INSTRUMENT OR AS OTHERWISE PERMITTED IN WRITING BY THE UNIVAC DIVISION OF SPERRY RAND CORPORATION



REVISIONS				
SYM	ZONE	EIR	DESCRIPTION	CHK

FIGURE 8-134

IDENT NO. 7075244-00

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION AND IS FURNISHED PURSUANT TO THE FOLLOWING INSTRUMENT:
ON THE UNDERSTANDING THAT THIS DOCUMENT AND THE INFORMATION THEREON MAY NOT BE DEALT WITH IN ANY MANNER EXCEPT FOR THE PURPOSES OF THAT INSTRUMENT OR AS OTHERWISE PERMITTED IN WRITING BY THE UNIVAC DIVISION OF SPERRY RAND CORPORATION.

UNLESS OTHERWISE SPECIFIED		LAYOUT		DATE		CLASS	
DIMENSION IN INCHES TOLERANCE ON 2 PLACE DECIMALS		DRAFTSMAN		2-18-67		A	
HOLE DIAMETER TOLERANCE		J. WINIECKI		3-31-67		TITLE	
0 THRU .250 +.003		CHECKER		3-31-67		FUNCTIONAL SCHEMATIC, FUNCTION CODE TRANSLATOR 2	
.251 THRU .500 +.005		ENGINEER		3-31-67		CODE IDENT NO.	
.501 & LARGER +.010		D. FREE		3-31-67		SIZE	
THREADS: EXT. CL. 2A, INT. CL. 2B		APPROVAL		3-31-67		DWG NO.	
MATERIAL		COMMODITY CODE		3-31-67		7075244	
FINISH		APPLICATION		3-31-67		SCALE	
NEXT ASSY		EQUIPMENT		3-31-67		WEIGHT	
COMMODITY CODE		FINISH		3-31-67		SHEET 1 OF 1	

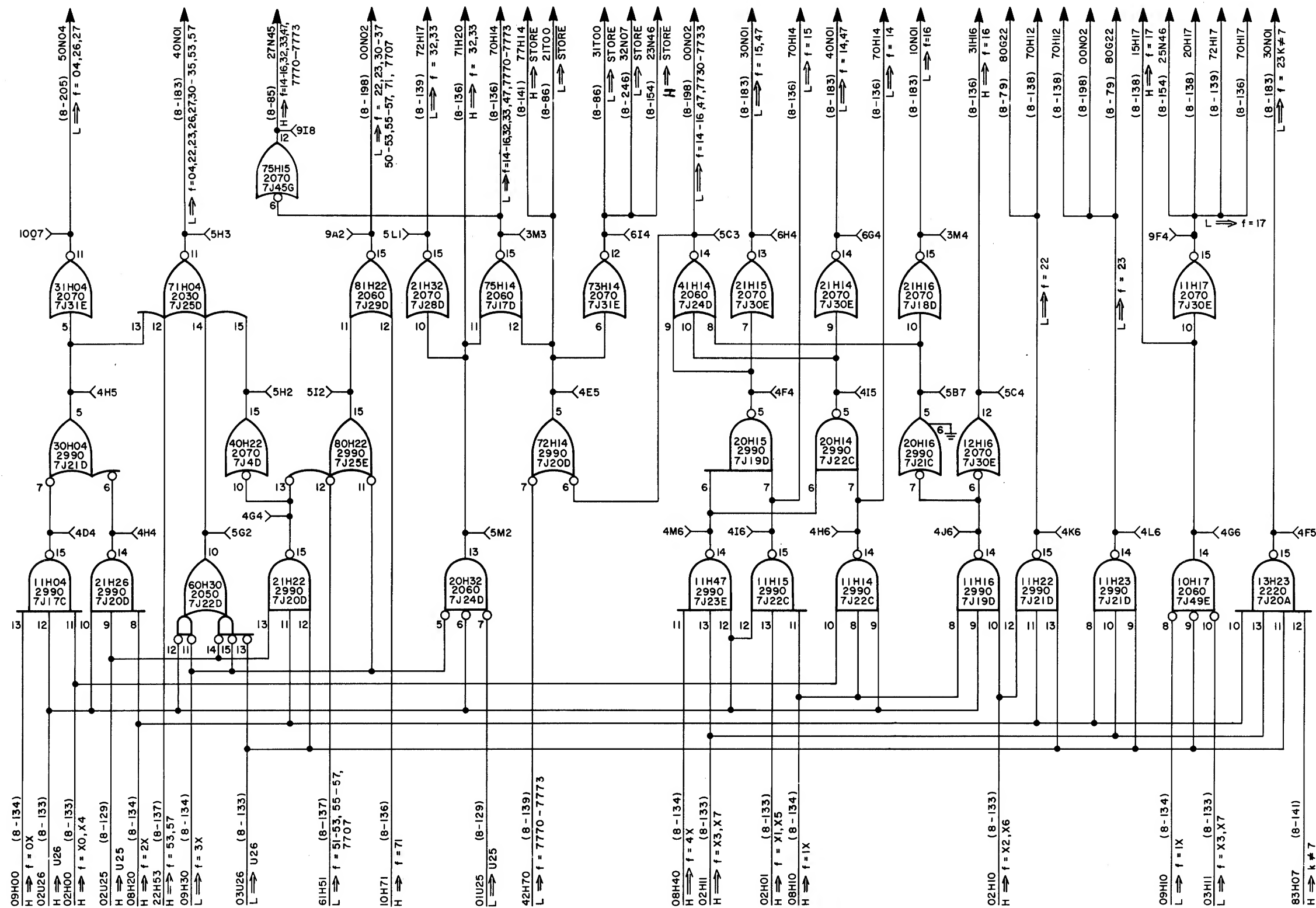


FIGURE 8-135

IDENT NO. 7075200-00

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION AND IS FURNISHED PURSUANT TO THE FOLLOWING INSTRUMENT:

ON THE UNDERSTANDING THAT THIS DOCUMENT AND THE INFORMATION THEREON MAY NOT BE DEALT WITH IN ANY MANNER EXCEPT FOR THE PURPOSES OF THAT INSTRUMENT OR AS OTHERWISE PERMITTED IN WRITING BY THE UNIVAC DIVISION OF SPERRY RAND CORPORATION.

UNLESS OTHERWISE SPECIFIED		DIMENSION IN INCHES. TOLERANCE ON 2 PLACE DECIMALS		DIMENSION IN INCHES. TOLERANCE ON 3 PLACE DECIMALS		ANGLES	
=		=		=		=	
HOLE DIAMETER TOLERANCE		0 THRU .250		.251 THRU .500		.501 & LARGER	
+ .003		+ .005		+ .010		+ .015	
- .002		- .005		- .010		- .015	
THREADS: EXT. CL. 2A, INT. CL. 2B		MATERIAL		FINISH		LAYOUT	
NEXT ASSY		EQUIPMENT		APPLICATION		COMMODITY CODE	
DATE		CLASS		TITLE		UNIVAC	
12-8-66		A		FUNCTIONAL SCHEMATIC, FUNCTION CODE TRANSLATOR 3		DIVISION OF SPERRY RAND CORPORATION	
DRAFTSMAN		CHECKER		ENGINEER		APPROVAL	
R.C. PETERSON		R.E. STRELNIKS		D. FREE		3-31-67	
CODE IDENT NO.		SIZE		DWG NO.		SCALE	
90536		D		7075200		SHEET 1 OF 1	

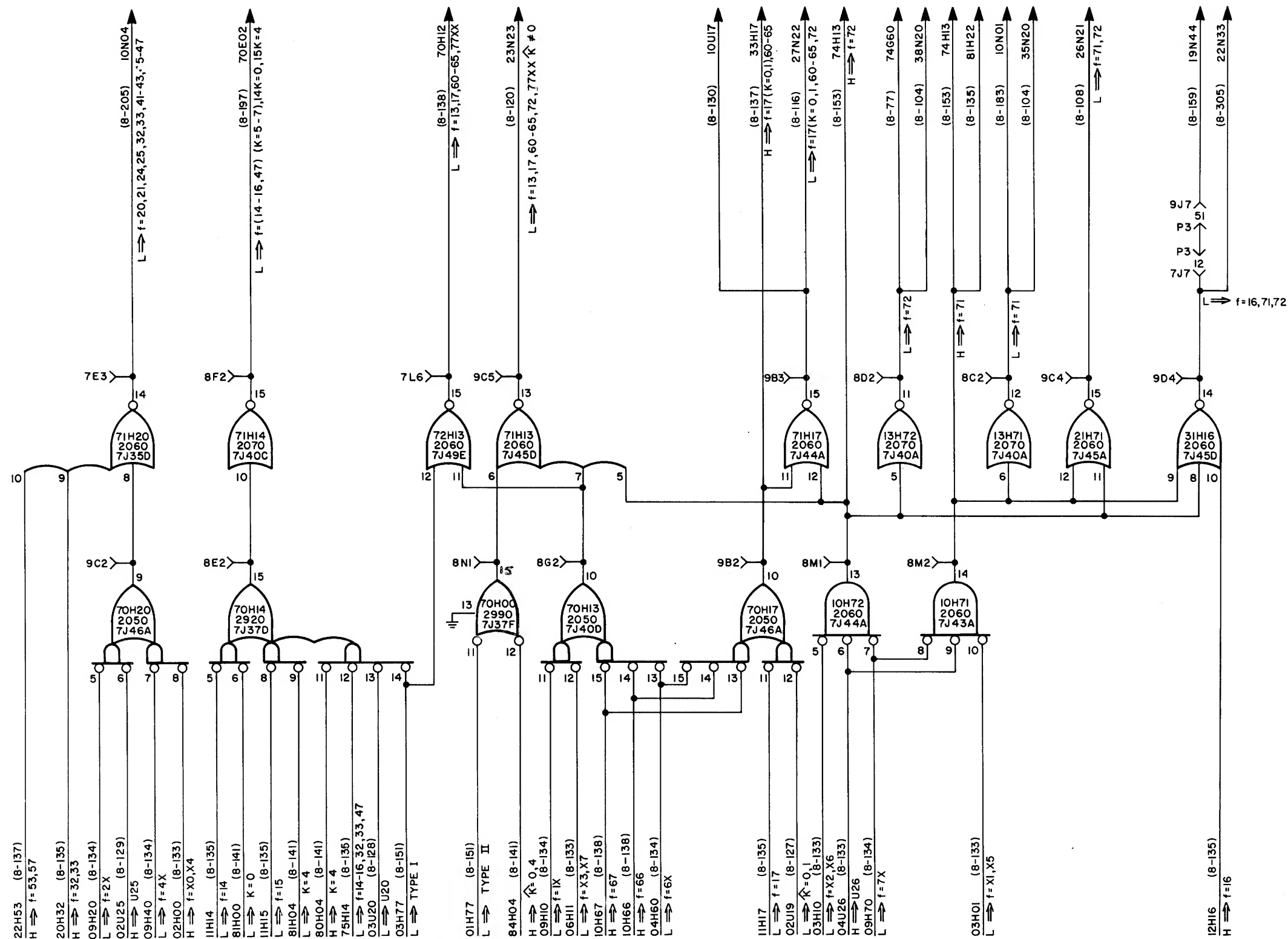


FIGURE 8-136

IDENT NO. 7075249-00

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION AND IS FURNISHED PURSUANT TO THE FOLLOWING INSTRUMENT:

ON THE UNDERSTANDING THAT THIS DOCUMENT AND THE INFORMATION THEREON MAY NOT BE REPRODUCED, COPIED, OR OTHERWISE PERMITTED IN WRITING BY THE UNIVAC DIVISION OF SPERRY RAND CORPORATION.

UNLESS OTHERWISE SPECIFIED		LAYOUT		DATE		CLASS	
DIMENSION IN INCHES. TOLERANCE ON 2 PLACE DECIMALS		DRAFTSMAN		3-7-67		A	
HOLE DIAMETER TOLERANCE		G. HIRSCH		3-31-67		FUNCTIONAL SCHEMATIC, FUNCTION CODE TRANSLATOR 4	
0 THRU .250 +.003		CHECKER		3-31-67		CODE IDENT NO. 90536	
.251 THRU .500 +.005		D. FREE		3-31-67		SIZE D	
.501 & LARGER +.010		APPROVAL		3-31-67		DWG NO. 7075249	
THREADS: EXT. CL 2A, INT. CL 2B		MATERIAL		FINISH		SCALE	
NEXT ASSY		EQUIPMENT		COMMODITY CODE		WEIGHT	
APPLICATION		COMMODITY CODE		FINISH		SHEET 1 OF 1	

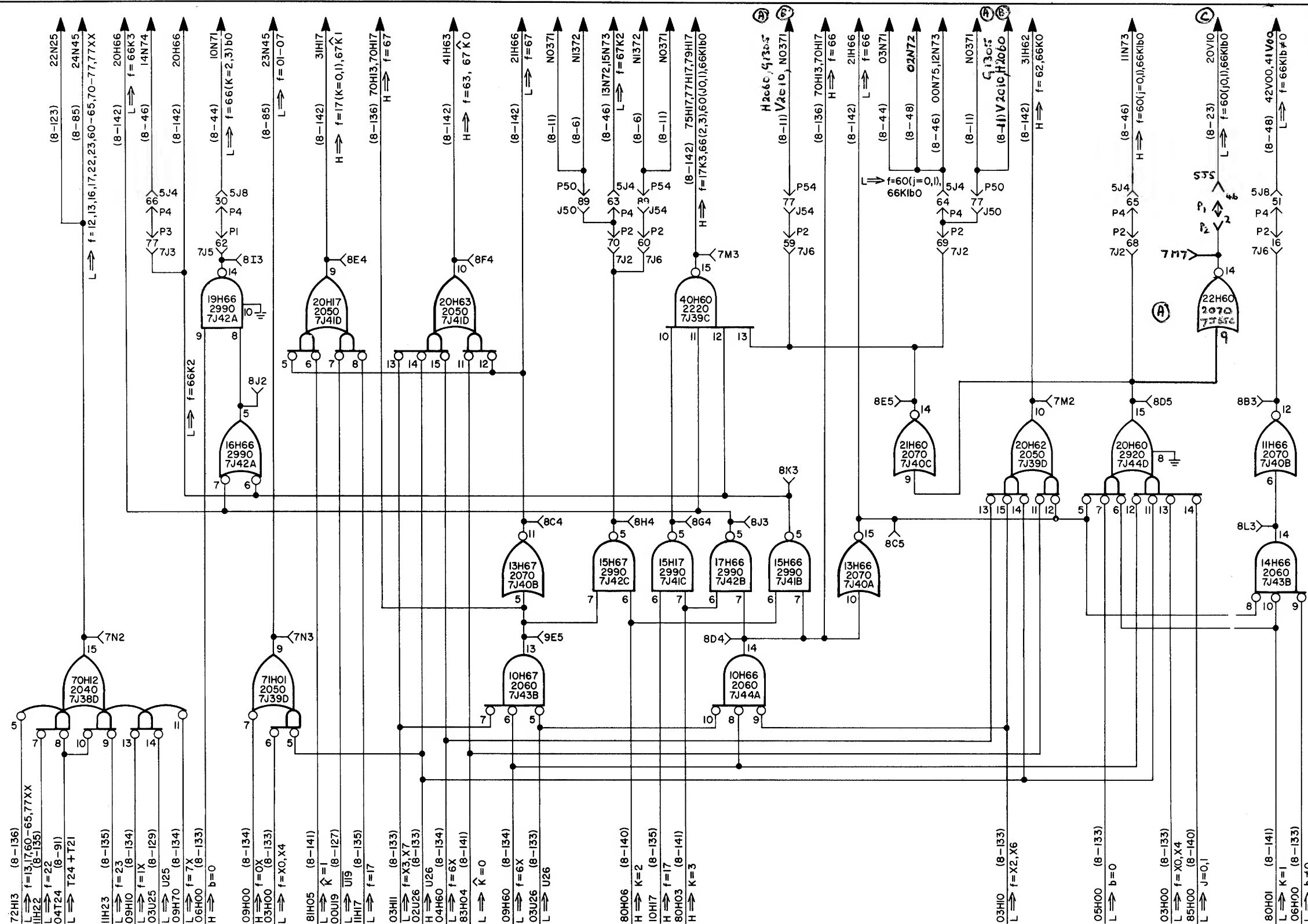


IDENT NO. 7075247-00

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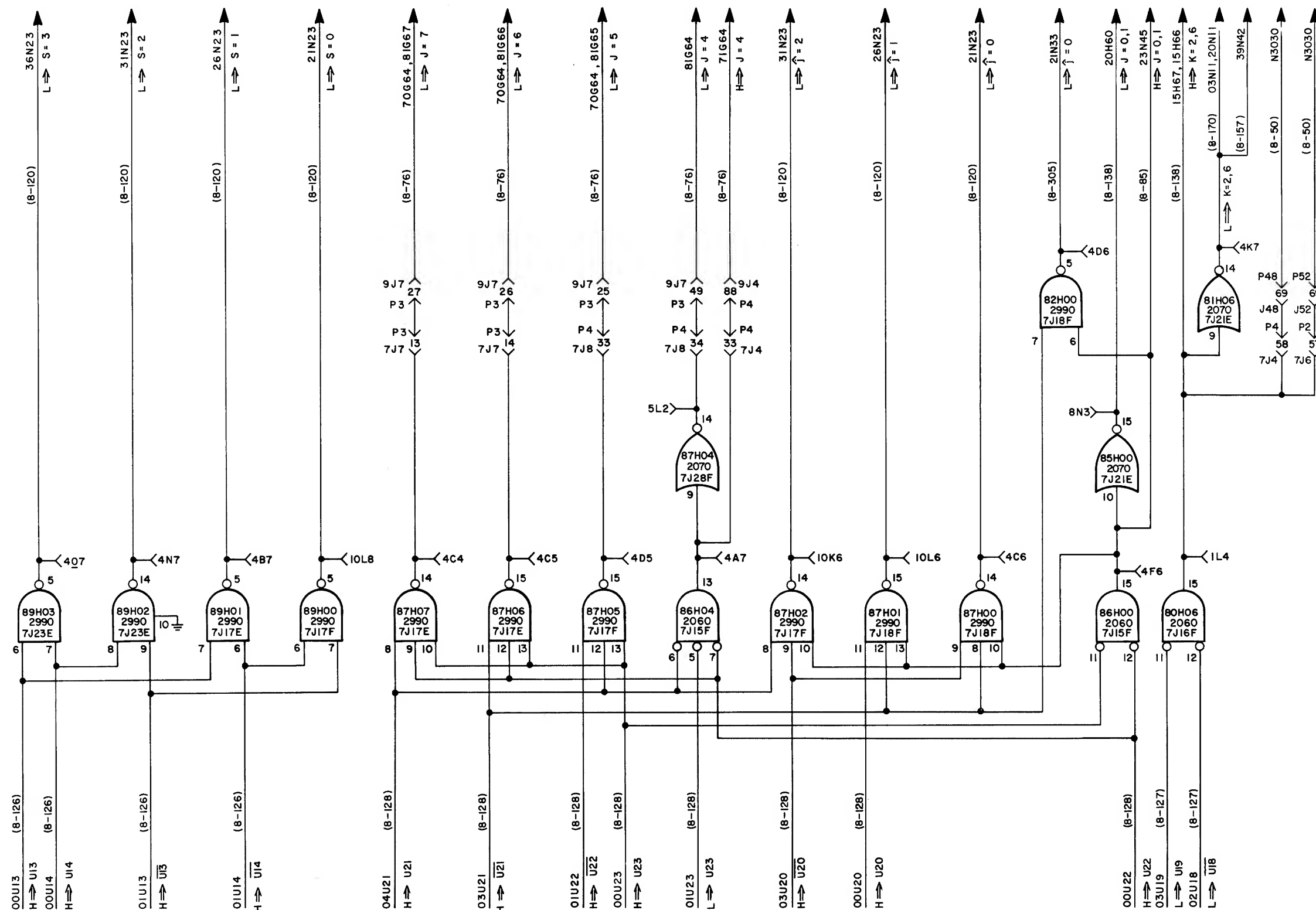


REVISIONS					
ZONE	LTR	EIR	DESCRIPTION - FOR DETAILS SEE EIR	CHK	DATE
A	E1337		EXT INT HOLD ACTIVE FF MOD		
B	E1337		66K2 BLO, 11 TIME OUT INT CORRECTION		
C	E1337		5 PART 6428 ERM INTERFACE MOD		
D					

FIGURE 8-138

IDENT NO. 7075201-00

UNLESS OTHERWISE SPECIFIED		LAYOUT		DATE	CLASS	UNIVAC DEFENSE SYSTEMS DIVISION	
DIMENSIONS IN INCHES TOL. ON		DRAFTSMAN		12-5-66	A	DIVISION OF SPERRY RAND CORPORATION UNIVAC PARK, ST. PAUL, MINN. 55116	
2 PLACE 3 PLACE ANGLES		R. PHERNETTON					
DECIMALS DECIMALS		CHECKER					
+ -		B. POPOV					
HOLE DIA. TOL.		ENGINEER					
0 THRU .251 X THRU .501 AND LARGER		D. FREE					
+ .003 + .005 + .010		APPROVAL					
- .002 - .003 - .005		[Signature]					
THREADS: EXT. CL 2A, INT. CL 2B		COMMODITY CODE					
		SIZE					
		D					
		CODE IDENT. NO.					
		90536					
		DWG NO.					
		7075201					
		SCALE					
		WEIGHT					
		SHEET					
		OF 1					



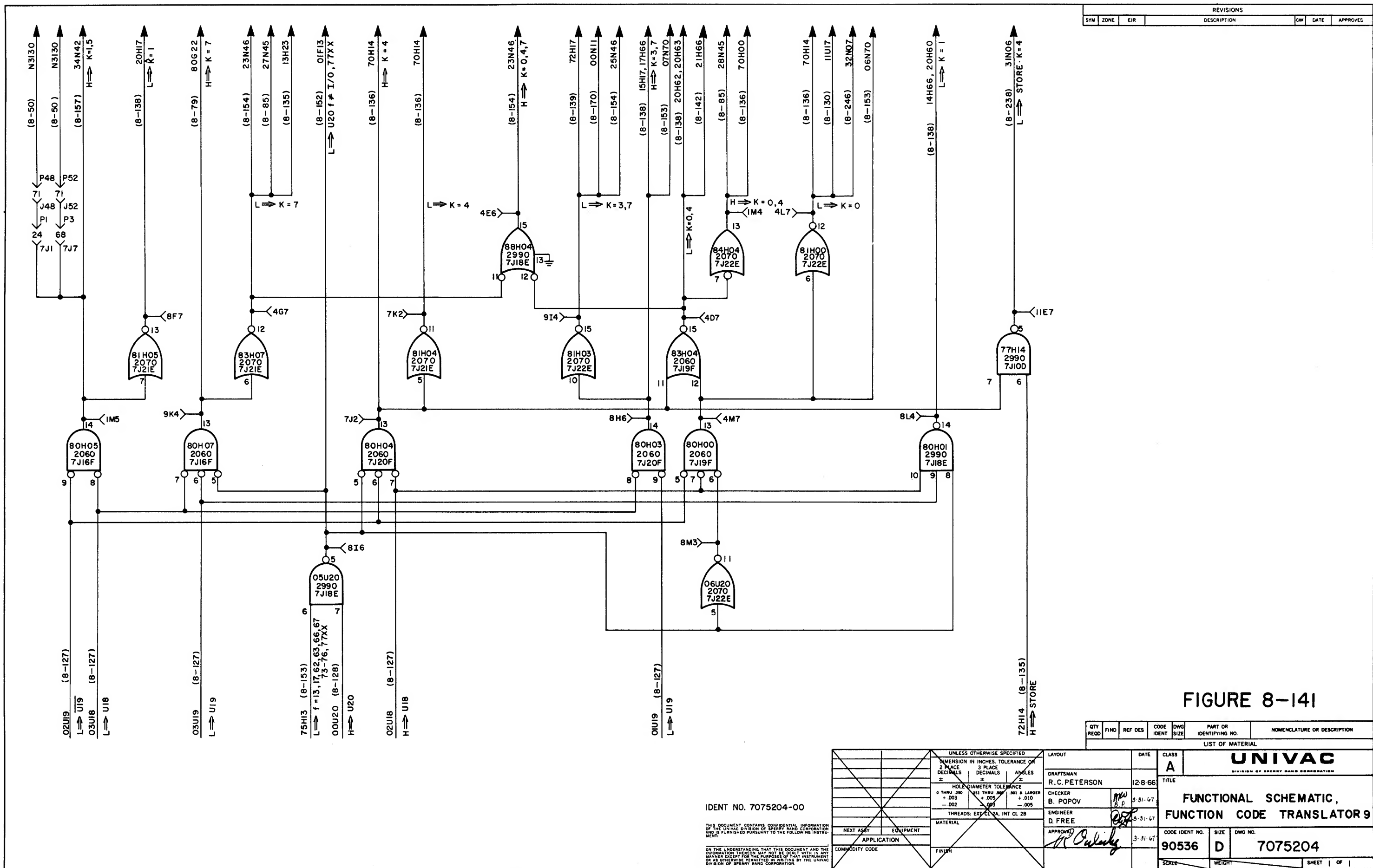
REVISIONS				
SYM	ZONE	EIR	DESCRIPTION	DATE

FIGURE 8-140

IDENT NO. 7075203-00

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UNLESS OTHERWISE SPECIFIED		LAYOUT		DATE		CLASS	
DIMENSION IN INCHES. TOLERANCE ON 2 PLACE DECIMALS		DRAFTSMAN		12-9-66		A	
± .003		G.S. WHEBBE				TITLE	
± .005		CHECKER		3-31-67		FUNCTIONAL SCHEMATIC, FUNCTION CODE TRANSLATOR 8	
± .010		B. POPOV				CODE IDENT NO.	
± .015		ENGINEER		3-31-67		SIZE	
± .020		D. FREE				DWG NO.	
± .025		APPROVED		3-31-67		90536	
± .030		COMMODITY CODE				D	
± .035						7075203	
± .040						SCALE	
± .045						WEIGHT	
± .050						SHEET 1 OF 1	



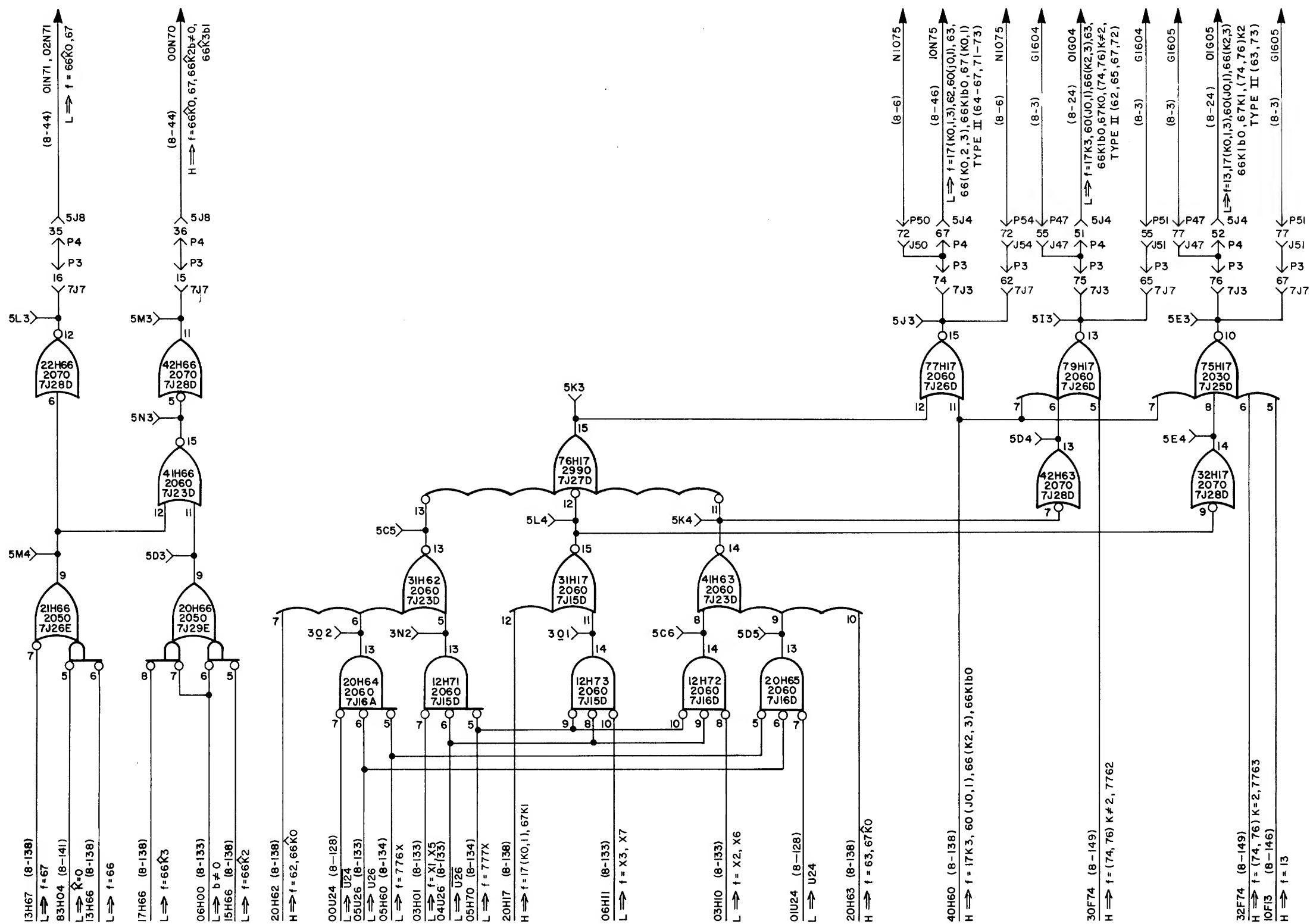
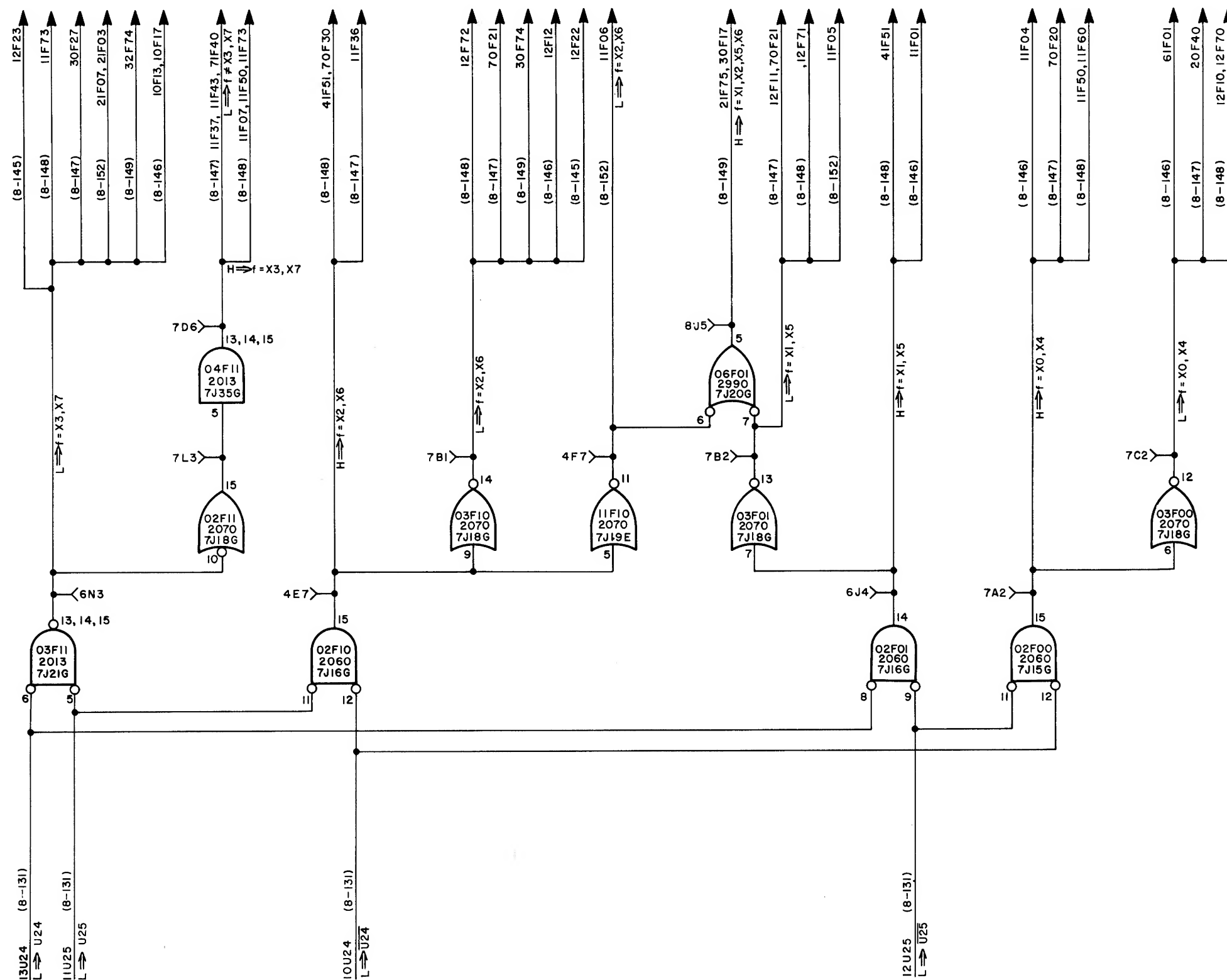


FIGURE 8-142

IDENT NO. 7075205-00

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UNLESS OTHERWISE SPECIFIED		LAYOUT		DATE		CLASS	
DIMENSION IN INCHES. TOLERANCE ON 2 PLACE DECIMALS		DRAFTSMAN		12-8-66		A	
HOLE DIAMETER TOLERANCE		R.C. PETERSON				TITLE	
0 THRU .250 +.003		CHECKER		B. POPOV		FUNCTIONAL SCHEMATIC, FUNCTION CODE TRANSLATOR 10	
.251 THRU .500 +.005		ENGINEER		D. FREE		CODE IDENT NO. 90536	
.501 & LARGER +.010		APPROVAL		[Signature]		SIZE D	
THREADS: EX. CL. 2A, INT. CL. 2B		COMMODITY CODE				DWG NO. 7075205	
FINISH						SHEET 1 OF 1	



REVISIONS				
SYM	ZONE	EIR	DESCRIPTION	DATE

FIGURE 8-144

QTY	FIND	REF	DES	CODE	DWG	PART OR	NOMENCLATURE OR DESCRIPTION
REQD				IDENT	SIZE	IDENTIFYING NO.	
LIST OF MATERIAL							
UNIVAC							
DIVISION OF SPERRY RAND CORPORATION							
TITLE							
FUNCTIONAL SCHEMATIC							
FUNCTION CODE TRANSLATOR 12							
CODE IDENT NO. SIZE DWG NO.							
90536 D 7075206							
SCALE WEIGHT SHEET OF							

IDENT NO. 7075206-00

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UNLESS OTHERWISE SPECIFIED			
DIMENSION IN INCHES	TOLERANCE ON 2 PLACE DECIMALS	TOLERANCE ON 3 PLACE DECIMALS	ANGLES
±	±	±	±
HOLE DIAMETER TOLERANCE			
0 THRU .250	+.003	+.005	+.010
.251 THRU .500	+.003	+.005	+.010
.501 & LARGER	+.003	+.005	+.010
THREADS: EXT. CL. 2A, INT. CL. 2B			
MATERIAL			
FINISH			

LAYOUT	DATE
DRAFTSMAN	12-8-66
R.C. PETERSON	
CHECKER	
R.E. STRELNIEKS	5-31-67
ENGINEER	
D. FREE	3-31-67
APPROVED	
	3-31-67

CLASS	DATE
A	12-8-66
TITLE	
FUNCTIONAL SCHEMATIC	
FUNCTION CODE TRANSLATOR 12	
CODE IDENT NO. SIZE DWG NO.	
90536 D 7075206	
SCALE WEIGHT SHEET OF	

REVISIONS				
SYM	ZONE	EIR	DESCRIPTION	DATE

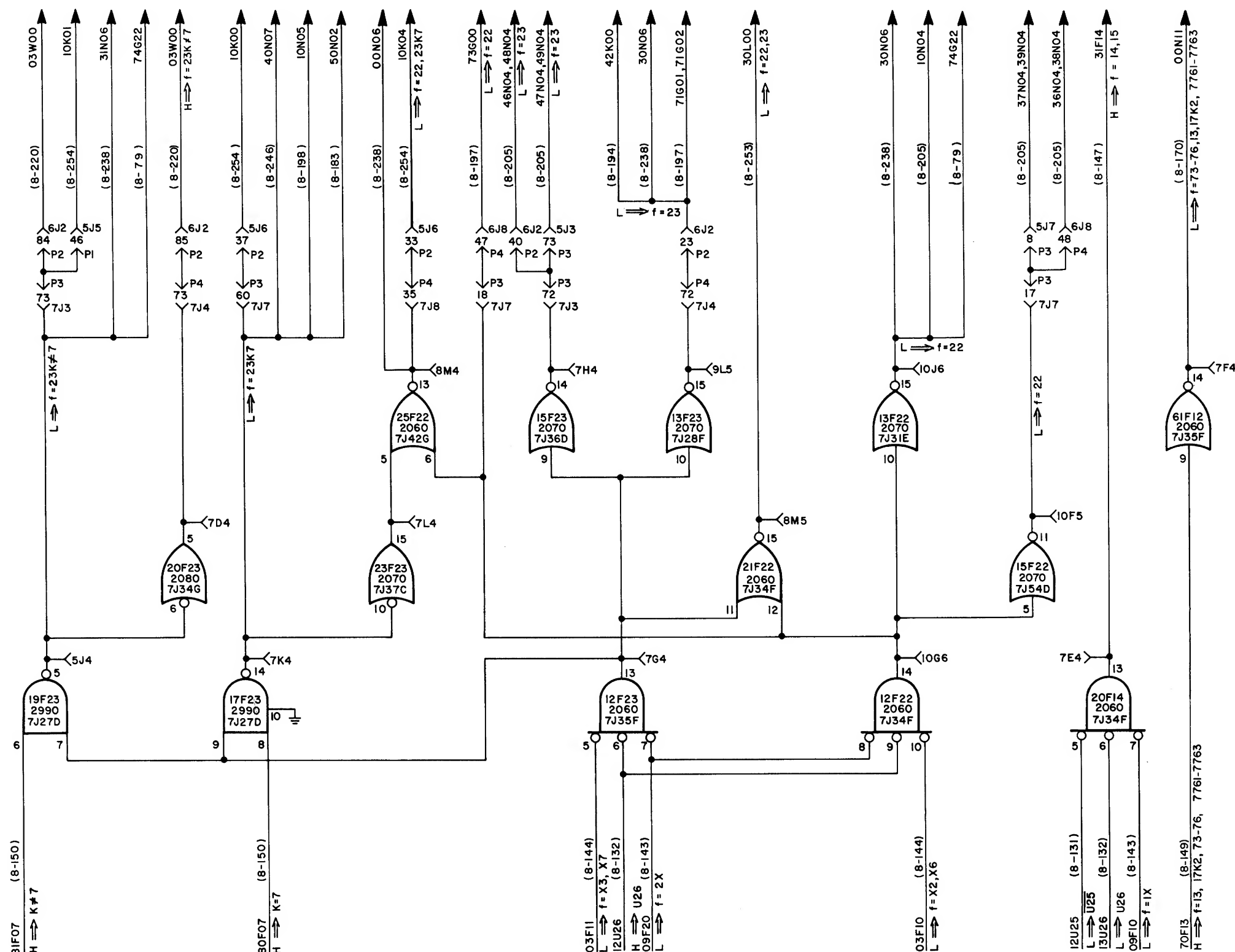


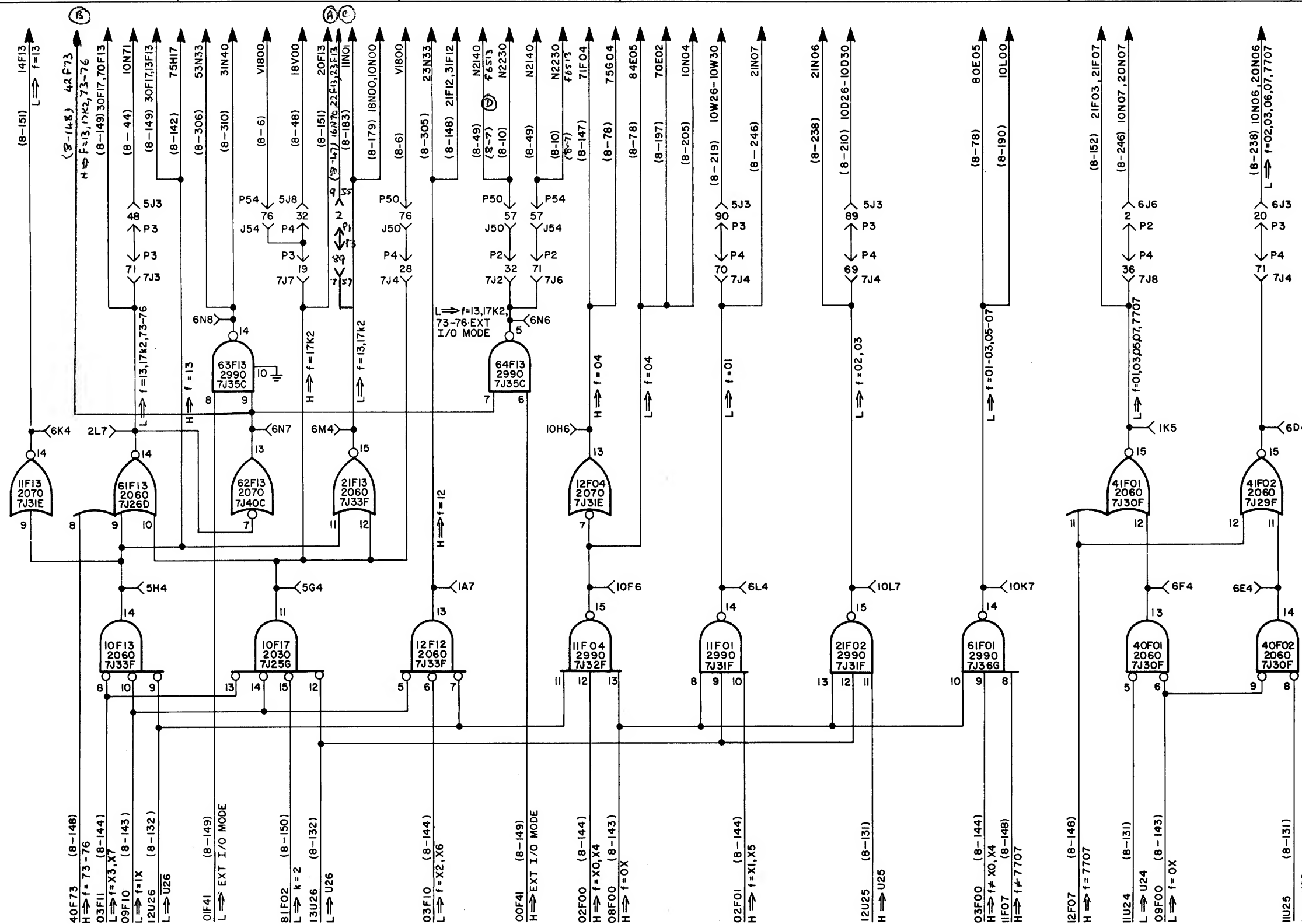
FIGURE 8-145

IDENT NO. 7075207-00

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UNLESS OTHERWISE SPECIFIED		DIMENSION IN INCHES. TOLERANCE ON 2 PLACE DECIMALS		3 PLACE DECIMALS		ANGLES	
HOLE DIAMETER TOLERANCE		0 THRU .250		.251 THRU .500		.501 & LARGER	
THREADS: EXY CL 2A, INT CL 2B		MATERIAL		FINISH			
NEXT ASSY		EQUIPMENT		APPLICATION		COMMODITY CODE	
DATE		CLASS		TITLE		UNIVAC	
DRAFTSMAN		CHECKER		ENGINEER		APPROVAL	
R. C. PETERSON		R. STRELNIEKS		J. LAMBING		J. LAMBING	
DATE		DATE		DATE		DATE	
12-8-66		3-31-67		3-31-67		3-31-67	
CODE IDENT NO.		SIZE		DWG NO.		NOMENCLATURE OR DESCRIPTION	
90536		D		7075207		FUNCTIONAL SCHEMATIC, FUNCTION CODE TRANSLATOR 13	
SCALE		WEIGHT		SHEET		OF 1	



REVISIONS				
SYM	ZONE	EIR	DESCRIPTION	DATE
A	E13313		13-17K2 INSTRUCTION CORRECTION	
B	E13375		SPART 6428 EHM INTERFACE MOD	
C	E13396		COMPUTER I/O MOD	
D	0167		BEW INHIBIT MOD	

FIGURE 8-146

IDENT NO. 7075208-00

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION AND IS FURNISHED PURSUANT TO THE FOLLOWING INSTRUMENT:

ON THE UNDERSTANDING THAT THIS DOCUMENT AND THE INFORMATION THEREON MAY NOT BE DEALT WITH IN ANY MANNER EXCEPT FOR THE PURPOSES OF THAT INSTRUMENT OR AS OTHERWISE PERMITTED IN WRITING BY THE UNIVAC DIVISION OF SPERRY RAND CORPORATION.

UNLESS OTHERWISE SPECIFIED	
DIMENSION IN INCHES, TOLERANCE ON 2 PLACE DECIMALS	3 PLACE DECIMALS
HOLE DIAMETER TOLERANCE	
0 THRU .250	.251 THRU .500
+.003	+.005
-.002	-.003
THREADS: EXT. CL. 2A, INT. CL. 2B	
MATERIAL	
FINISH	
APPLICATION	
COMMODITY CODE	

QTY REQD	FIND	REF DES	CODE IDENT	DWG SIZE	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION
LIST OF MATERIAL						
UNIVAC						
DIVISION OF SPERRY RAND CORPORATION						
TITLE						
FUNCTIONAL SCHEMATIC, FUNCTIONAL CODE TRANSLATOR 14						
CODE IDENT NO.						
90536						
SIZE						
D						
DWG NO.						
7075208						
SCALE						
WEIGHT						
SHEET						
OF						

REVISIONS				
SYM	ZONE	EIR	DESCRIPTION	CHK DATE APPROVED
A		71703	SEE EIR	6/11-1-65

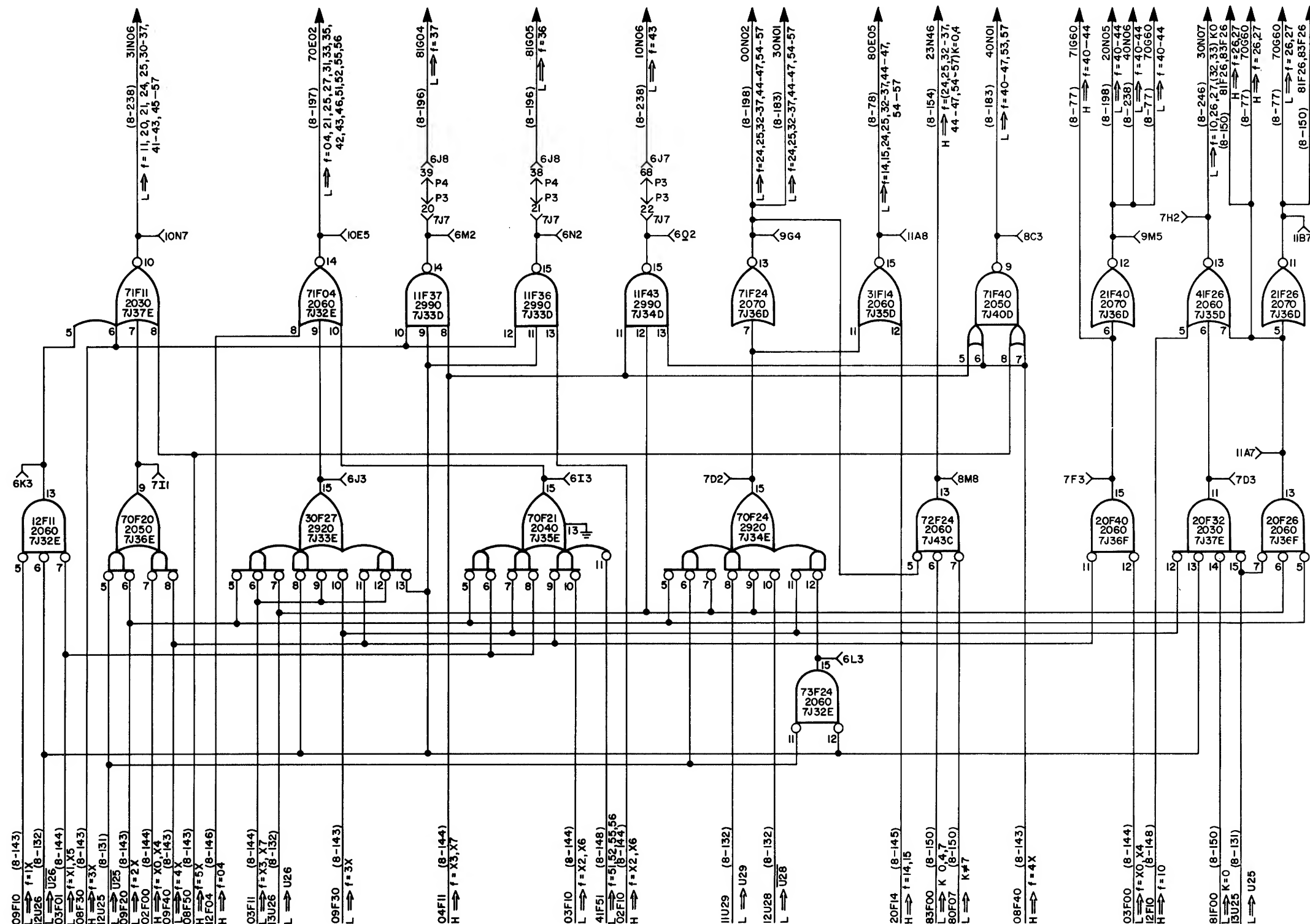
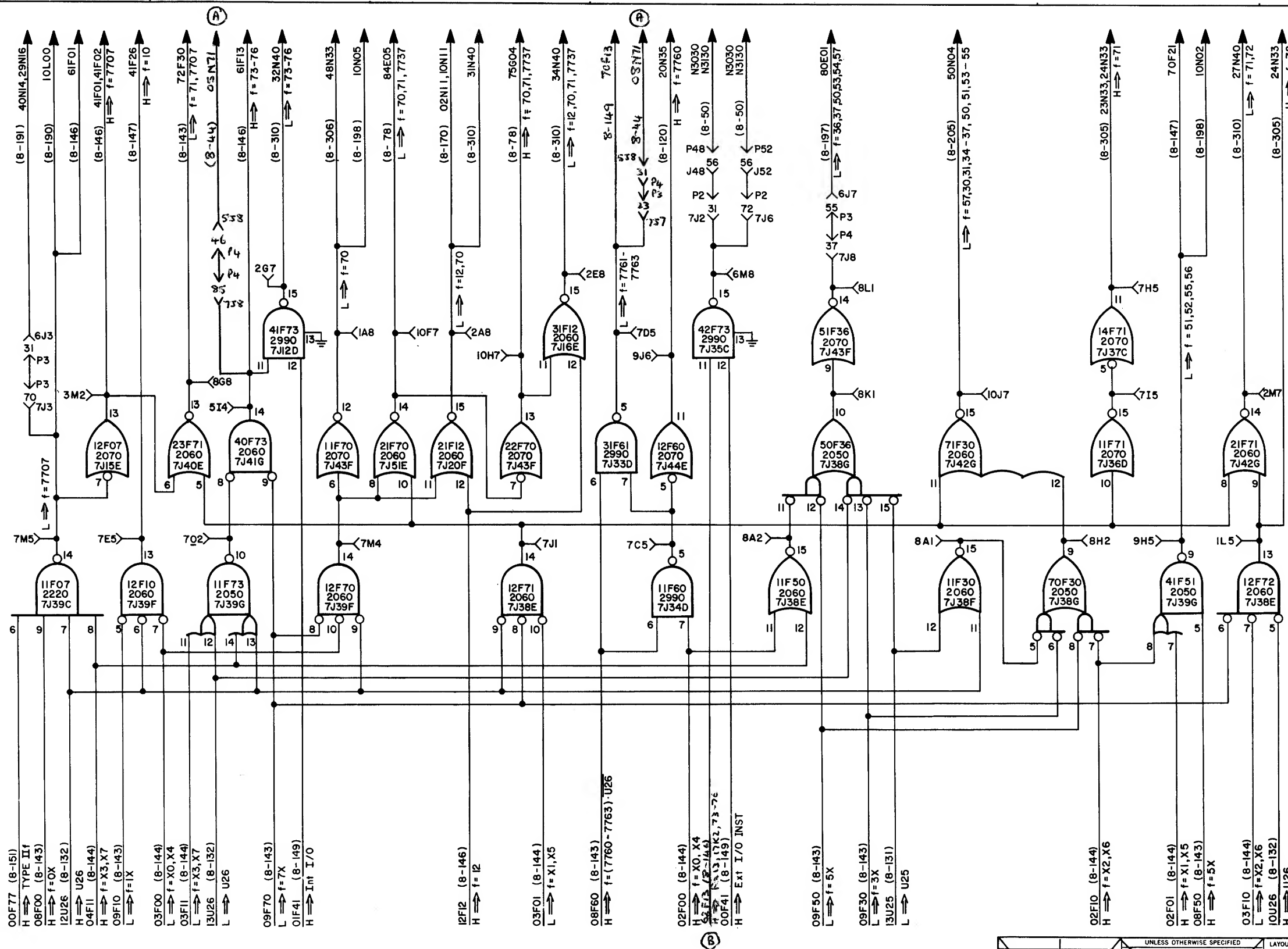


FIGURE 8-147

IDENT NO. 7032900-00

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION AND IS FURNISHED PURSUANT TO THE FOLLOWING INSTRUMENT: ON THE UNDERSTANDING THAT THIS DOCUMENT AND THE INFORMATION THEREON MAY NOT BE DEALT WITH IN ANY MANNER EXCEPT FOR THE PURPOSES OF THAT INSTRUMENT OR AS OTHERWISE PERMITTED IN WRITING BY THE UNIVAC DIVISION OF SPERRY RAND CORPORATION.

UNLESS OTHERWISE SPECIFIED		DIMENSION IN INCHES. TOLERANCE ON 2 PLACE DECIMALS		3 PLACE DECIMALS		ANGLES	
HOLD DIAMETER TOLERANCE		0 THRU .250		.251 THRU .500		.501 & LARGER	
		+ .003		+ .005		+ .010	
		- .002		- .005		- .005	
THREADS: EXT CL 2A, INT CL 2B		MATERIAL		FINISH			
NEXT ASSY		EQUIPMENT		APPLICATION		COMMODITY CODE	
LAYOUT		DATE		CLASS		PART OR IDENTIFYING NO.	
DRAFTSMAN		5-28-65		A		UNIVAC	
CHECKER		B. POPOV		ENGINEER		N. MACRORIE	
APPROVAL		8-15-65		CODE IDENT NO.		SIZE	
		90536		D		7032900	
						SHEET 1 OF 1	



REVISIONS				
SYM	ZONE	EIR	DESCRIPTION	DATE
A	E13313		13417K2 INSTRUCTION CORRECTION	
B	E13315		5 PART 642B ENH INTERFACE H6D	

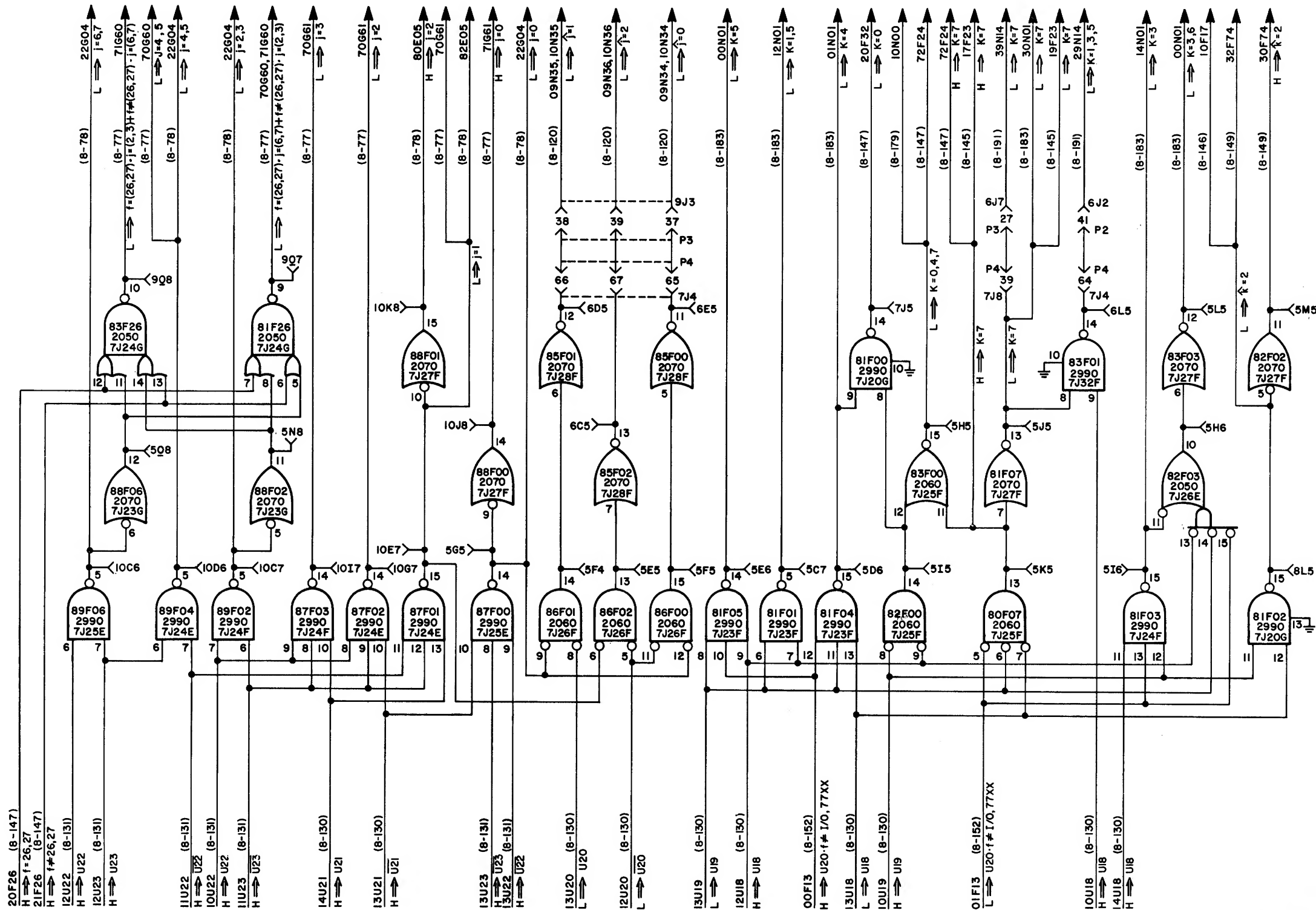
FIGURE 8-148

IDENT NO. 7075209-00

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION AND IS FURNISHED PURSUANT TO THE FOLLOWING INSTRUMENT:

ON THE UNDERSTANDING THAT THIS DOCUMENT AND THE INFORMATION THEREON MAY NOT BE DISCLOSED TO ANY OTHER PERSON OR ORGANIZATION WITHOUT THE WRITTEN PERMISSION OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION.

UNLESS OTHERWISE SPECIFIED		LAYOUT		DATE		CLASS	
DIMENSION IN INCHES. TOLERANCE ON		DRAFTSMAN		1-23-67		A	
2 PLACE DECIMALS ±		G. S. WHEBBE					
3 PLACE DECIMALS ±		CHECKER		3-31-67			
ANGLES ±		B. POPOV					
HOLE DIAMETER TOLERANCE		ENGINEER		3-31-67			
0 THRU .250 ± .003		J. LAMBING					
.251 THRU .500 ± .005		APPROVAL		8-31-67			
.501 & LARGER ± .010							
THREADS: EXT. CL. 2A, INT. CL. 2B							
MATERIAL							
FINISH							
NEXT ASSY							
EQUIPMENT							
APPLICATION							
COMMODITY CODE							
LIST OF MATERIAL				TITLE			
				FUNCTIONAL SCHEMATIC			
				FUNCTION CODE TRANSLATOR 16			
QTY REQD		FIND		REF DES		CODE IDENT	
SIZE		IDENTIFYING NO.		NOMENCLATURE OR DESCRIPTION			
PART OR IDENTIFYING NO.		NOMENCLATURE OR DESCRIPTION					
CODE IDENT NO.		SIZE		DWG NO.			
90536		D		7075209			
SCALE		WEIGHT		SHEET		OF	



REVISIONS				
SYM	ZONE	EIR	DESCRIPTION	DATE
A		71692	SEE EIR	8/11/65
B		75320	SEE EIR	8/11/65

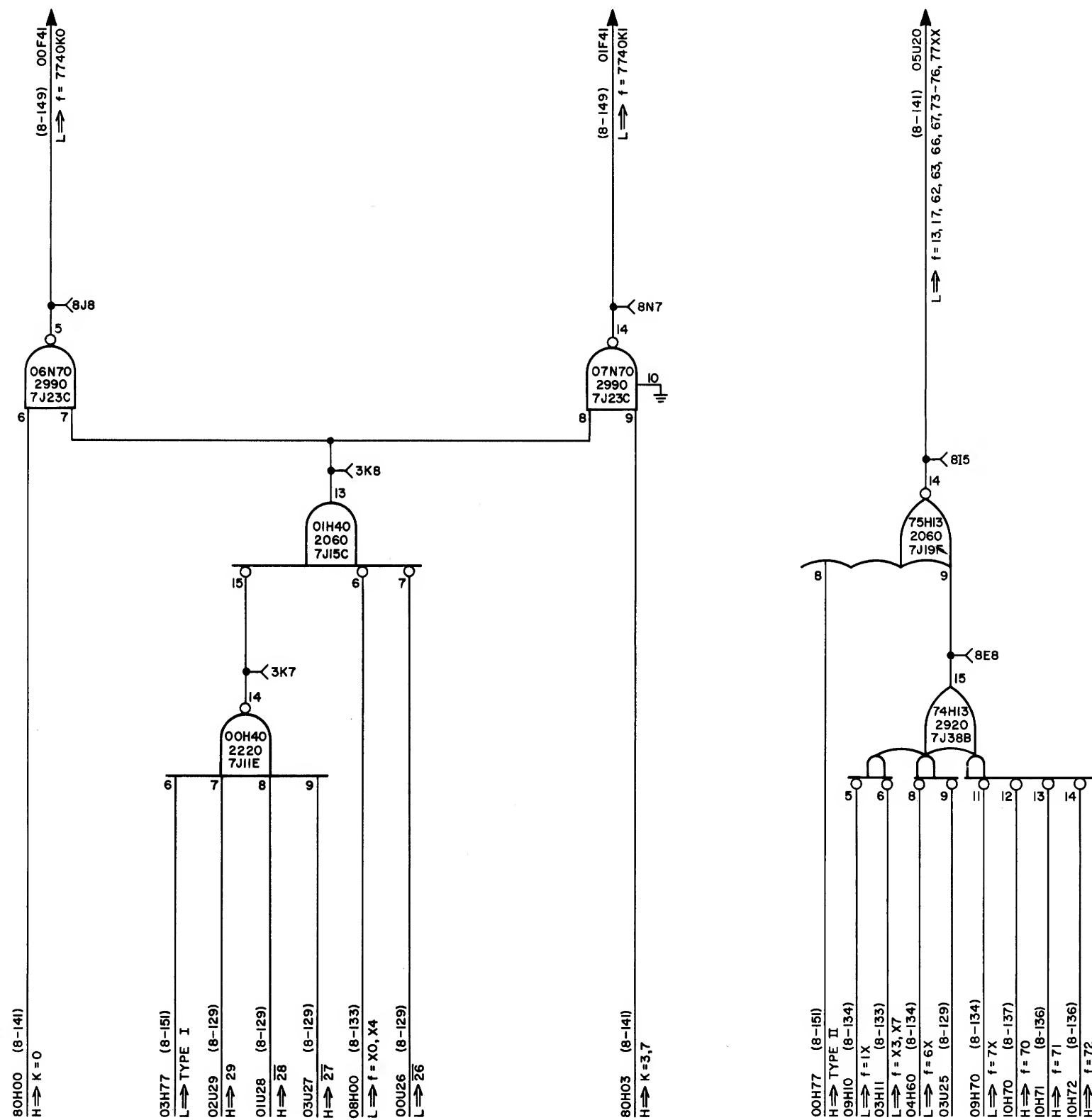
FIGURE 8-150

IDENT NO. 7032903-00

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION AND IS FURNISHED PURSUANT TO THE FOLLOWING INSTRUMENT:

ON THE UNDERSTANDING THAT THIS DOCUMENT AND THE INFORMATION THEREON MAY NOT BE DISCLOSED IN ANY MANNER EXCEPT FOR THE PURPOSES OF THAT INSTRUMENT OR AS OTHERWISE PERMITTED IN WRITING BY THE UNIVAC DIVISION OF SPERRY RAND CORPORATION.

UNLESS OTHERWISE SPECIFIED		LAYOUT		DATE		CLASS	
DIMENSION IN INCHES, TOLERANCE OR 2 PLACE DECIMALS		DRAFTSMAN		8-9-65		A	
HOLE DIAMETER TOLERANCE		V. STEEBER					
0 THRU .250 +.003		CHECKER		B.P. 9-15-65			
.251 THRU .500 +.005		B. POPOV					
.501 & LARGER +.010		ENGINEER		N. MACRORIE			
THREADS: EXT. CL. 2A, INT. CL. 2B		APPROVAL		8-15-65			
MATERIAL							
FINISH							
NEXT ASSY							
EQUIPMENT							
APPLICATION							
COMMODITY CODE							
PART OR IDENTIFYING NO.				NOMENCLATURE OR DESCRIPTION			
LIST OF MATERIAL							
UNIVAC				DIVISION OF SPERRY RAND CORPORATION			
TITLE				FUNCTIONAL SCHEMATIC, FUNCTION CODE TRANSLATOR 18			
CODE IDENT NO.		SIZE		DWG NO.			
90536		D		7032903			
SCALE		WEIGHT		SHEET		OF	

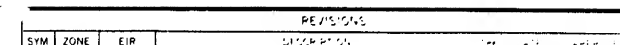


IDENT. NO. 7075212-00

REVISIONS					
ZONE	LTR	EIR	DESCRIPTION - FOR DETAILS SEE EIR	CHK	DATE

FIGURE 8-153

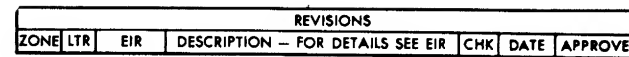
UNLESS OTHERWISE SPECIFIED		LAYOUT	DATE	CLASS	UNIVAC DEFENSE SYSTEMS DIVISION	
DIMENSIONS IN INCHES TOL. ON		DRAFTSMAN			DIVISION OF SPERRY RAND CORPORATION UNIVAC PARK, ST. PAUL, MINN. 55118	
2 PLACE 3 PLACE ANGLES		E. BICKETT	12-8-66	A	TITLE	
DECIMALS DECIMALS		CHECKER			FUNCTIONAL SCHEMATIC,	
+ + +		B. POPOV	3-31-67		FUNCTION CODE,	
HOLE DIA. TOL.		ENGINEER			TRANSLATOR 21	
0 THRU .251 THRU .501 AND LARGER		J. LAMBING	3-31-67		SIZE	
+ .003 + .005 + .010		APPROVAL			CODE IDENT.	
- .002 - .003 - .005					NO.	
THREADS, EXT. CL 2A, INT. CL 2B					DWG NO.	
COMMODITY CODE					7075212	
					SCALE	
					WEIGHT	
					SHEET 1 OF 1	



QTY REQD	FIND	REF DES	CODE IDENT	DWG SIZE	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	
LIST OF MATERIAL							
		DATE	CLASS A	UNIVAC <small>DIVISION OF SPERRY RAND CORPORATION</small>			
NDSON		1-23-67	TITLE	FUNCTIONAL SCHEMATIC, OPERAND ADDRESS SELECT CONTROL, B=0, +1			
V	<i>W.D.</i>	5-31-67					
ING	<i>K.L.</i>	5-31-67					
<i>Julius</i>		5-31-67	CODE IDENT NO.	SIZE	DWG NO.		
			90536	D	7075213		
			SCALE	WEIGHT		SHEET	OF

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ON THE UNDERSTANDING THAT THIS DOCUMENT AND THE INFORMATION THEREON MAY NOT BE DEALT WITH IN ANY MANNER EXCEPT FOR THE PURPOSES OF THAT INSTRUMENT OR AS OTHERWISE PERMITTED IN WRITING BY THE UNIVAC DIVISION OF SPERRY RAND CORPORATION.



IDENT NO. 7075215-00

UNLESS OTHERWISE SPECIFIED		LAYOUT		DATE		CLASS		UNIVAC DEFENSE SYSTEMS DIVISION	
DIMENSIONS IN INCHES TOL. ON						A		DIVISION OF SPERRY RAND CORPORATION UNIVAC PARK, ST. PAUL, MINN. 55111	
2 PLACE 3 PLACE ANGLES		DRAFTSMAN							
DECIMALS DECIMALS		D. LODGE		12-8-6					
+ + - -		CHECKER		B. POPOV		TITLE			
HOLE DIA. TOL.		ENGINEER		J. LAMMING		FUNCTIONAL SCHEMATIC,			
0 THRU .250 .500 .501 AND LARGER		APPROVAL		B. J. FULICKY		OPERAND ADDRESS SELECTOR			
+ .003 + .005 + .010						BITS 09-13			
- .002 - .003 - .005									
THREADS: EXT. CL 2A, INT. CL 2B				3-31-67		SIZE		CODE IDENT. DWG NO.	
COMMODITY CODE						D 90536		7075215	
						SCALE		WEIGHT	
								SHEET 1 OF 1	

REVISIONS				
SYM	ZONE	EIR	DESCRIPTION	DATE
A	E13319		SRIO STORAGE ATP CORRECTION	
B	E13320		EXECUTE 7770-7773 IN MEM 642B	

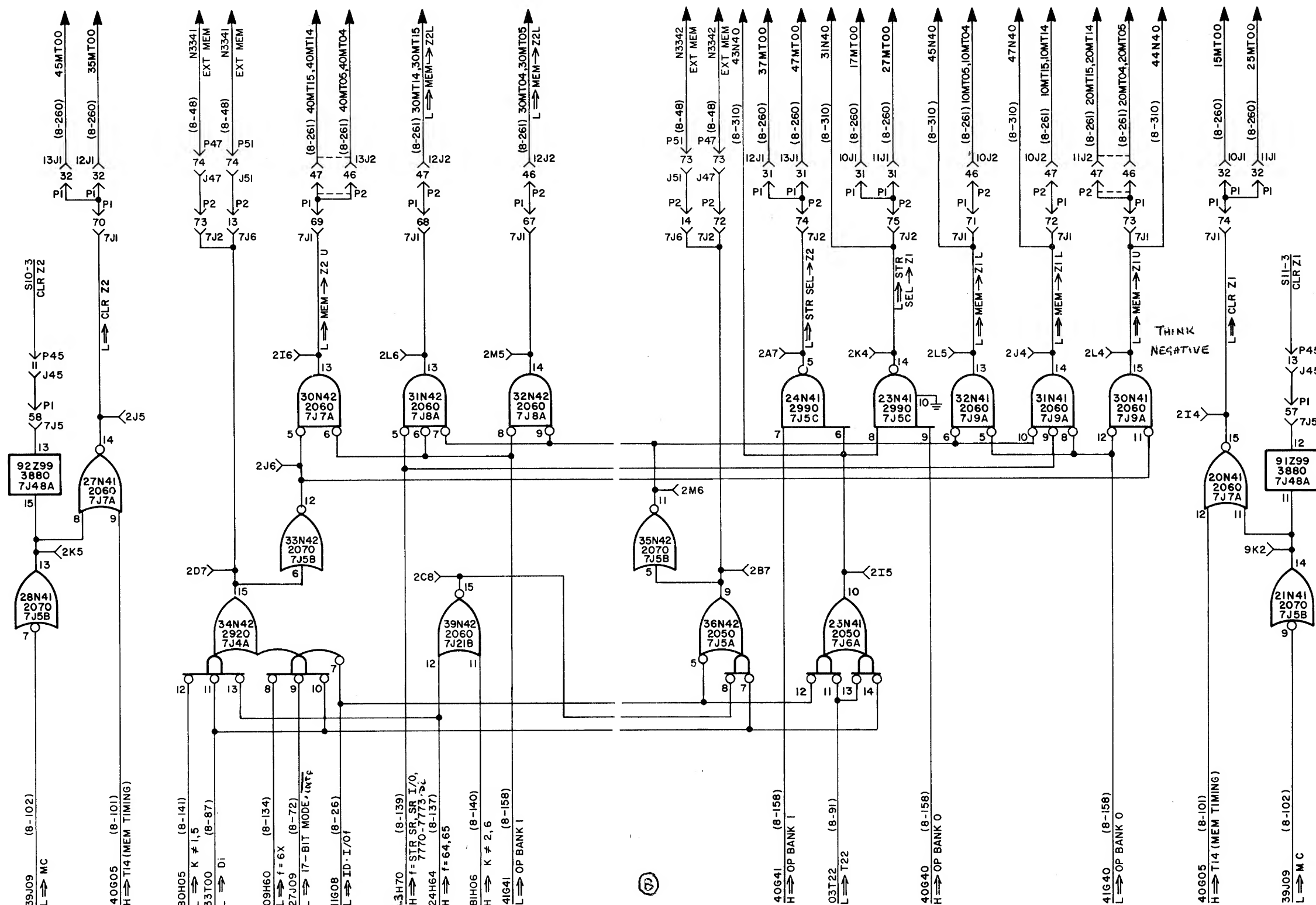


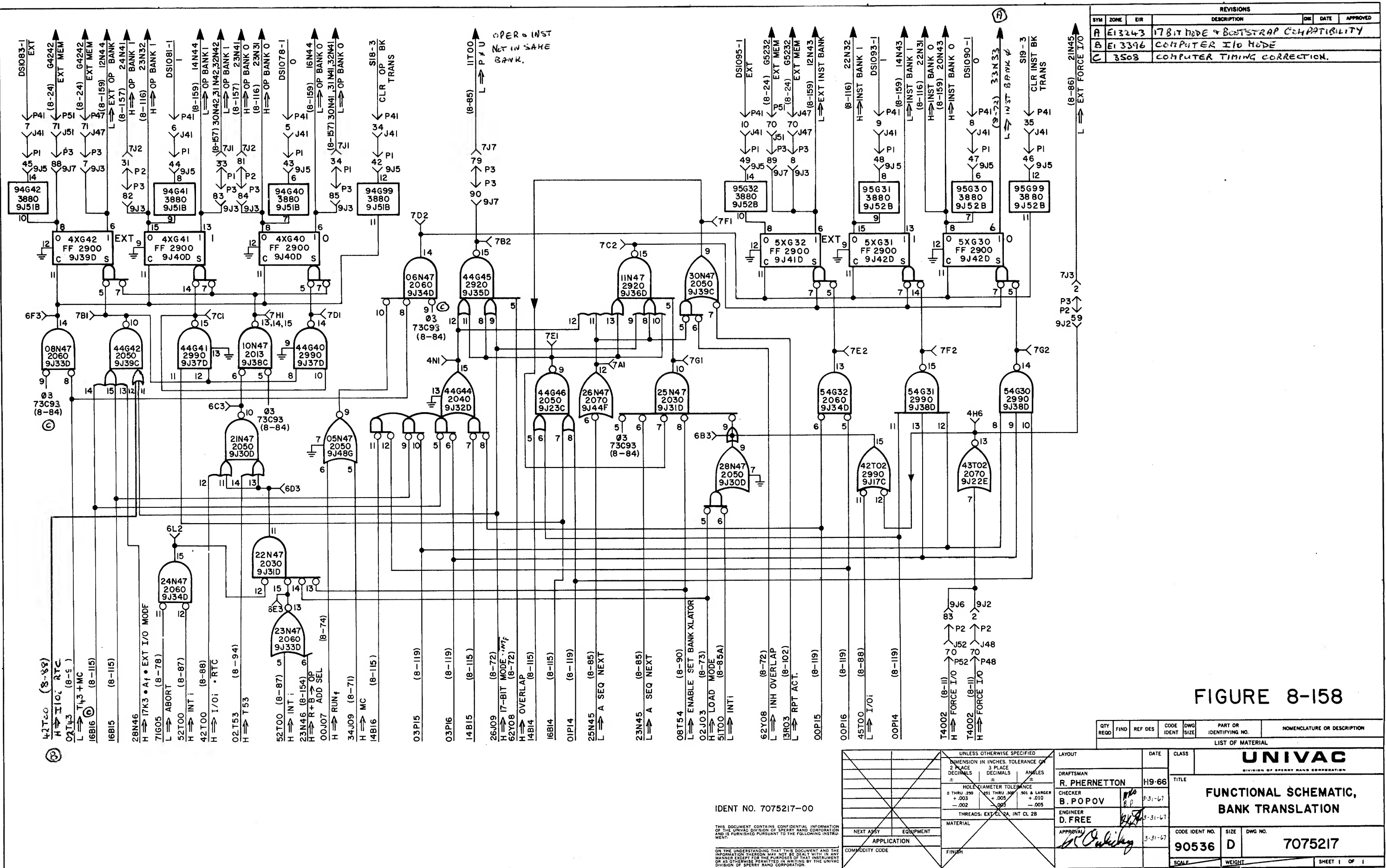
FIGURE 8-157

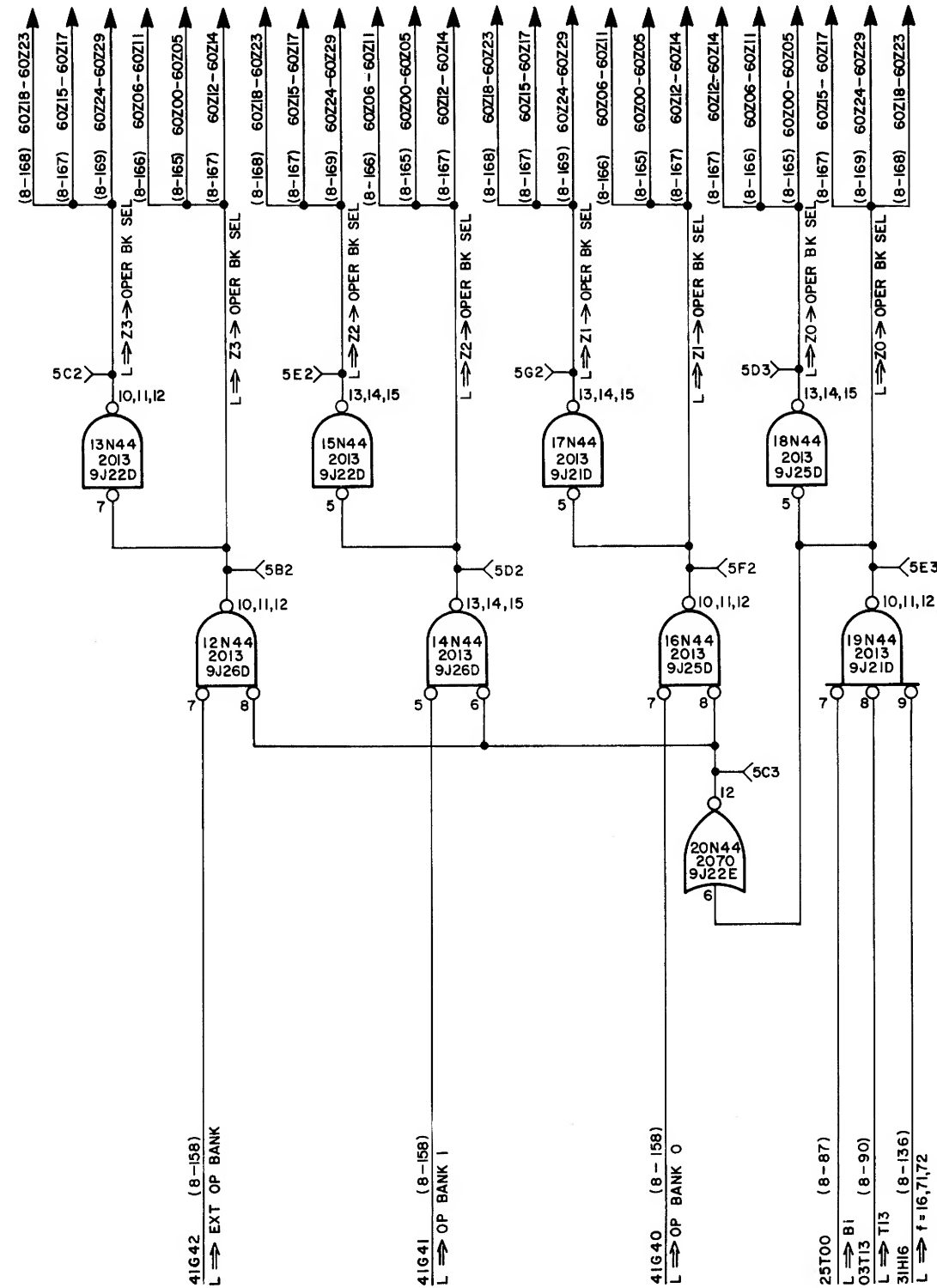
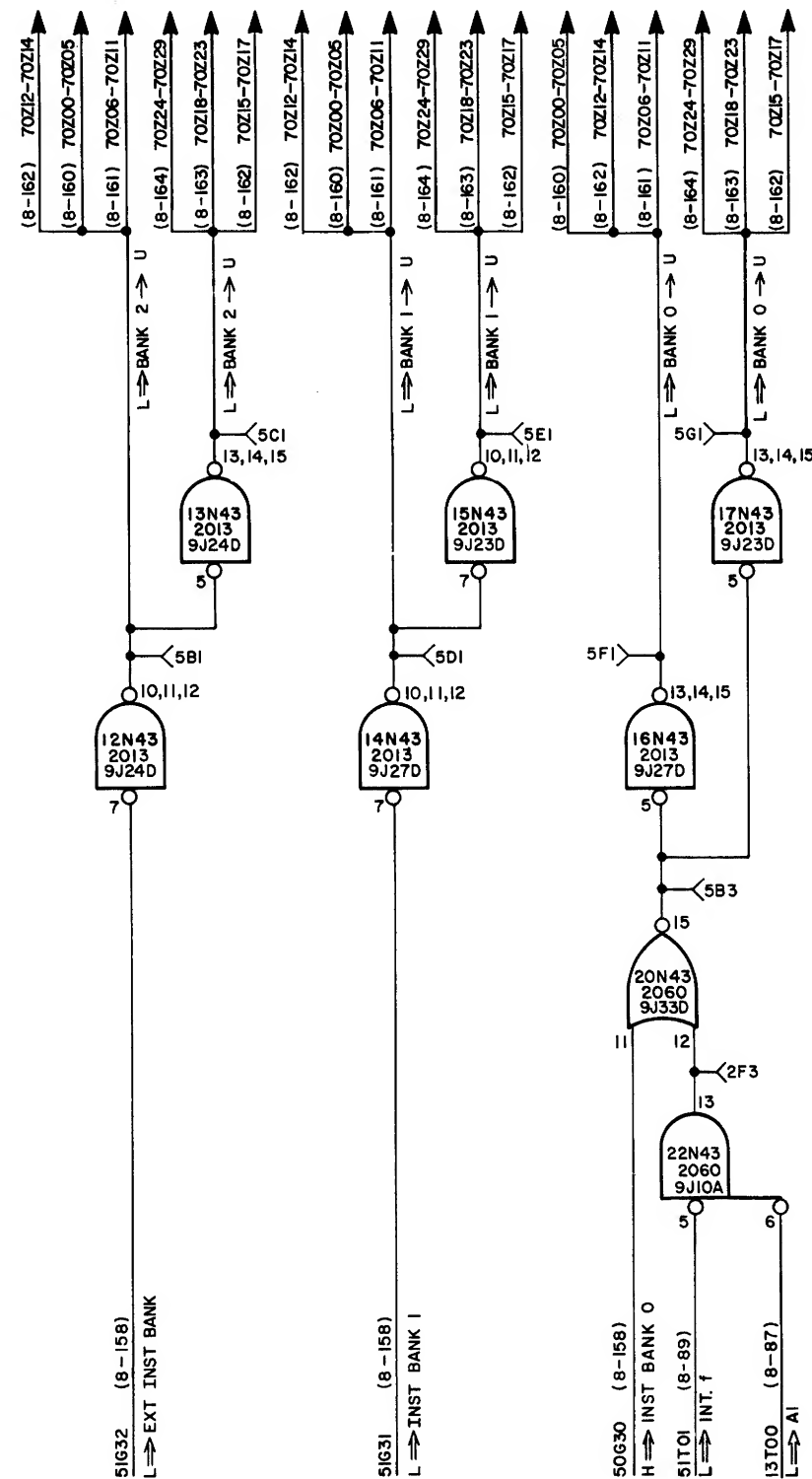
IDENT NO. 7075216-00

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION AND IS FURNISHED PURSUANT TO THE FOLLOWING INSTRUMENT:

ON THE UNDERSTANDING THAT THIS DOCUMENT AND THE INFORMATION THEREON MAY NOT BE DISCLOSED IN ANY MANNER EXCEPT FOR THE PURPOSES OF THAT INSTRUMENT OR AS OTHERWISE PERMITTED IN WRITING BY THE UNIVAC DIVISION OF SPERRY RAND CORPORATION.

UNLESS OTHERWISE SPECIFIED		LAYOUT		DATE	CLASS	UNIVAC	
DIMENSION IN INCHES: TOLERANCE ON		DRAFTSMAN		12-8-66	A	DIVISION OF SPERRY RAND CORPORATION	
2 PLACE DECIMALS ± .003		G. S. WHEBBE					
3 PLACE DECIMALS ± .001		CHECKER		3-31-67			
4 PLACE DECIMALS ± .0005		B. POPOV					
HOLE DIAMETER TOLERANCE		ENGINEER		3-31-67			
0 THRU .250 ± .003		J. LAMBING					
.251 THRU .500 ± .005		APPROVAL		3-31-67			
.501 & LARGER ± .010		[Signature]					
THREADS: EX. CL. 2A, INT. CL. 2B		COMMODITY CODE					
MATERIAL		FINISH					
TITLE		CODE IDENT NO.		SIZE	DWG NO.		
FUNCTIONAL SCHEMATIC, BANK 0 AND 1 COMMAND ENABLES		90536		D	7075216		
SCALE		WEIGHT		SHEET		OF 1	





REVISIONS					
SYM	ZONE	EIR	DESCRIPTION	CHK	DATE
A		71693	SEE EIR		9/15/65

FIGURE 8-159

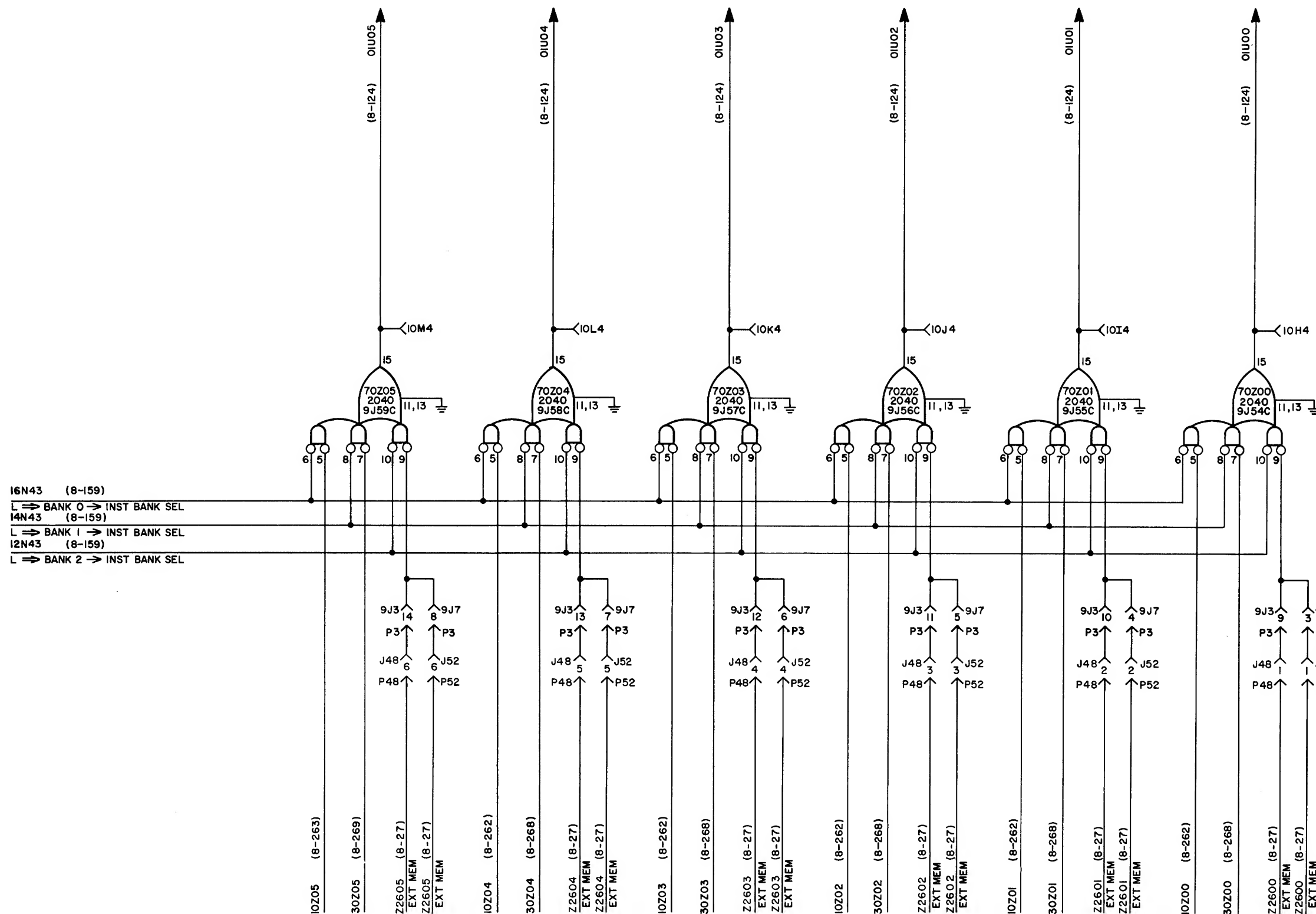
IDENT NO. 7032665-00

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION AND IS FURNISHED PURSUANT TO THE FOLLOWING INSTRUMENT:

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UNLESS OTHERWISE SPECIFIED		DIMENSION IN INCHES TOLERANCE ON 2 PLACE DECIMALS		3 PLACE DECIMALS		ANGLES	
HOLE DIAMETER TOLERANCE		0 THRU .250		.251 THRU .500		.501 & LARGER	
THREADS: EXCEPT 2A, INT CL 2B		FINISH		MATERIAL		LAYOUT	
COMMODITY CODE		APPLICATION		EQUIPMENT		NEXT ASSY	
DATE		CLASS		DRAFTSMAN		CHECKER	
2-11-65		A		R. L. BRASKI		B. POPOV	
ENGINEER		N. MACRORIE		APPROVAL		J. V. Macgregor	
CODE IDENT NO.		SIZE		DWG NO.		TITLE	
90536		D		7032665		FUNCTIONAL SCHEMATIC, BANK SELECT ENABLES	
SCALE		WEIGHT		SHEET		OF 1	

REVISIONS				
SYM	ZONE	EIR	DESCRIPTION	DATE



16N43 (8-159)
 L → BANK 0 → INST BANK SEL
 14N43 (8-159)
 L → BANK 1 → INST BANK SEL
 12N43 (8-159)
 L → BANK 2 → INST BANK SEL

FIGURE 8-160

QTY	FIND	REF	DES	CODE	DWG	PART OR	NOMENCLATURE OR DESCRIPTION
REQD				IDENT	SIZE	IDENTIFYING NO.	

LIST OF MATERIAL							
CLASS	DATE	TITLE	CODE IDENT NO.	SIZE	DWG NO.	SCALE	WEIGHT
A	12-8-67	FUNCTIONAL SCHEMATIC, INSTRUCTION BANK SELECT BITS 00-05	90536	D	7075218		

IDENT NO. 7075218-00

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION AND IS FURNISHED PURSUANT TO THE FOLLOWING INSTRUMENT:

ON THE UNDERSTANDING THAT THIS DOCUMENT AND THE INFORMATION THEREON MAY NOT BE DEALT WITH IN ANY MANNER EXCEPT FOR THE PURPOSES OF THAT INSTRUMENT OR AS OTHERWISE PERMITTED IN WRITING BY THE UNIVAC DIVISION OF SPERRY RAND CORPORATION.

UNLESS OTHERWISE SPECIFIED				LAYOUT		DATE		CLASS	
DIMENSION IN INCHES	TOLERANCE ON 2 PLACE DECIMALS	TOLERANCE ON 3 PLACE DECIMALS	ANGLES	DRAFTSMAN					
±	±	±	±	D. LODGE		12-8-67			
HOLE DIAMETER TOLERANCE				CHECKER		3-31-67			
0 THRU .250	± .005	± .005	± .010	B. POPOV		3-31-67			
.251 THRU .500	± .005	± .005	± .010	ENGINEER		3-31-67			
.501 & LARGER	± .005	± .005	± .010	J. LAMBING		3-31-67			
THREADS: EXT. CL. 2A, INT. CL. 2B				APPROVAL		3-31-67			
MATERIAL									
FINISH									
NEXT ASSY									
EQUIPMENT									
APPLICATION									
COMMODITY CODE									

REVISIONS			
SYM	ZONE	EIR	DESCRIPTION

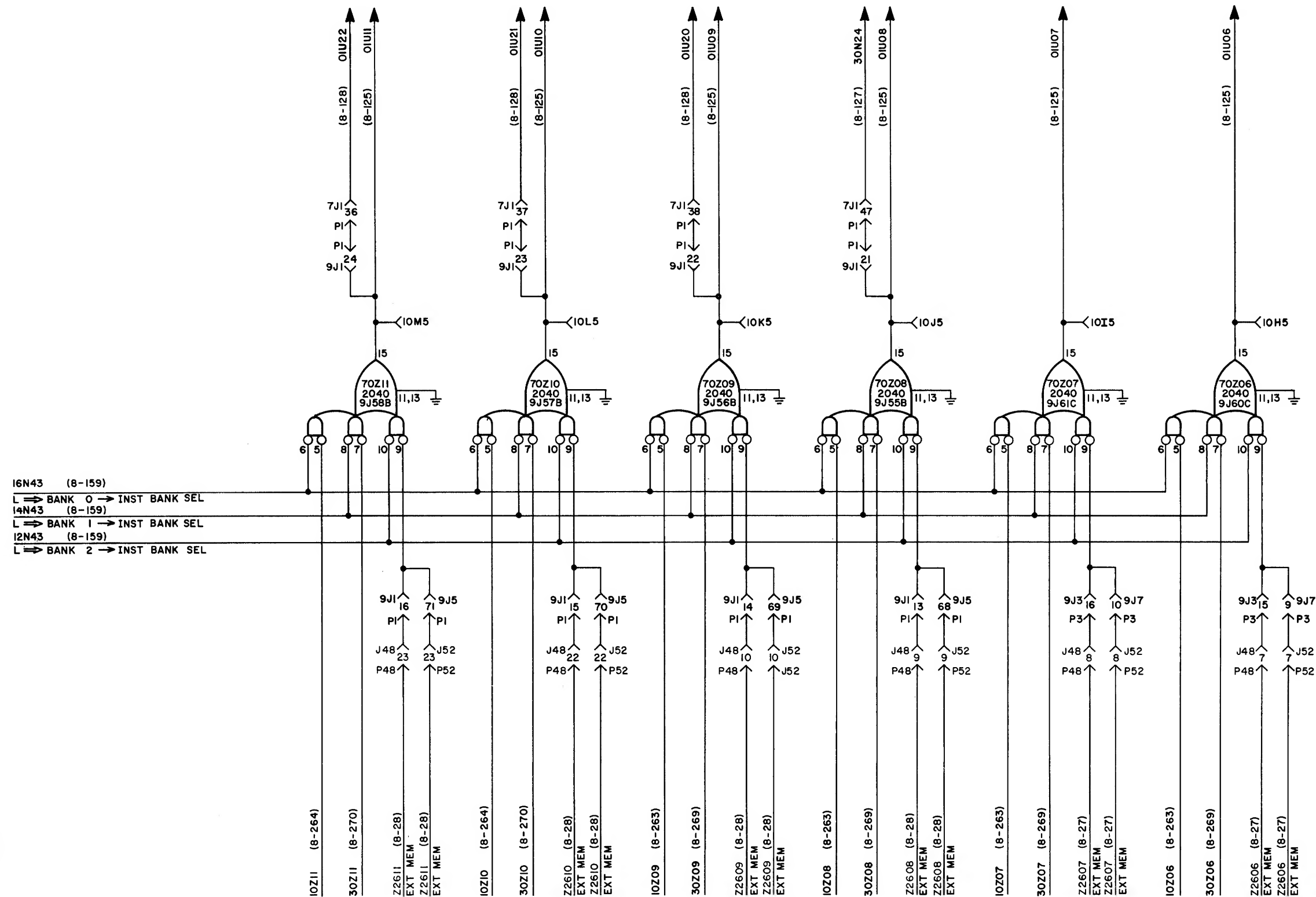


FIGURE 8-161

IDENT NO. 7075219-00

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION AND IS FURNISHED PURSUANT TO THE FOLLOWING INSTRUMENT:

ON THE UNDERSTANDING THAT THIS DOCUMENT AND THE INFORMATION THEREON MAY NOT BE DEALT WITH IN ANY MANNER EXCEPT FOR THE PURPOSES OF THAT INSTRUMENT OR AS OTHERWISE PERMITTED IN WRITING BY THE UNIVAC DIVISION OF SPERRY RAND CORPORATION.

UNLESS OTHERWISE SPECIFIED		LAYOUT		DATE		CLASS	
DIMENSION IN INCHES. TOLERANCE ON 2 PLACE DECIMALS		DRAFTSMAN		12-8-6		A	
HOLE DIAMETER TOLERANCE		D. LODGE		3-31-67		UNIVAC	
0 THRU .250		CHECKER		3-31-67		DIVISION OF SPERRY RAND CORPORATION	
.251 THRU .500		B. POPOV		3-31-67		TITLE	
.501 & LARGER		ENGINEER		3-31-67		FUNCTIONAL SCHEMATIC, INSTRUCTION BANK SELECT BITS 06-11	
THREADS: EXT CL 2A, INT CL 2B		D. HAIR		3-31-67		CODE IDENT NO.	
MATERIAL		APPROVAL		3-31-67		SIZE	
FINISH		3-31-67		3-31-67		DWG NO.	
COMMODITY CODE		3-31-67		3-31-67		90536 D 7075219	
APPLICATION		3-31-67		3-31-67		SCALE	
EQUIPMENT		3-31-67		3-31-67		WEIGHT	
NEXT ASSY		3-31-67		3-31-67		SHEET	
3-31-67		3-31-67		3-31-67		OF	

141

REVISIONS				
SYM	ZONE	EIR	DESCRIPTION	CHK DATE APPROVED

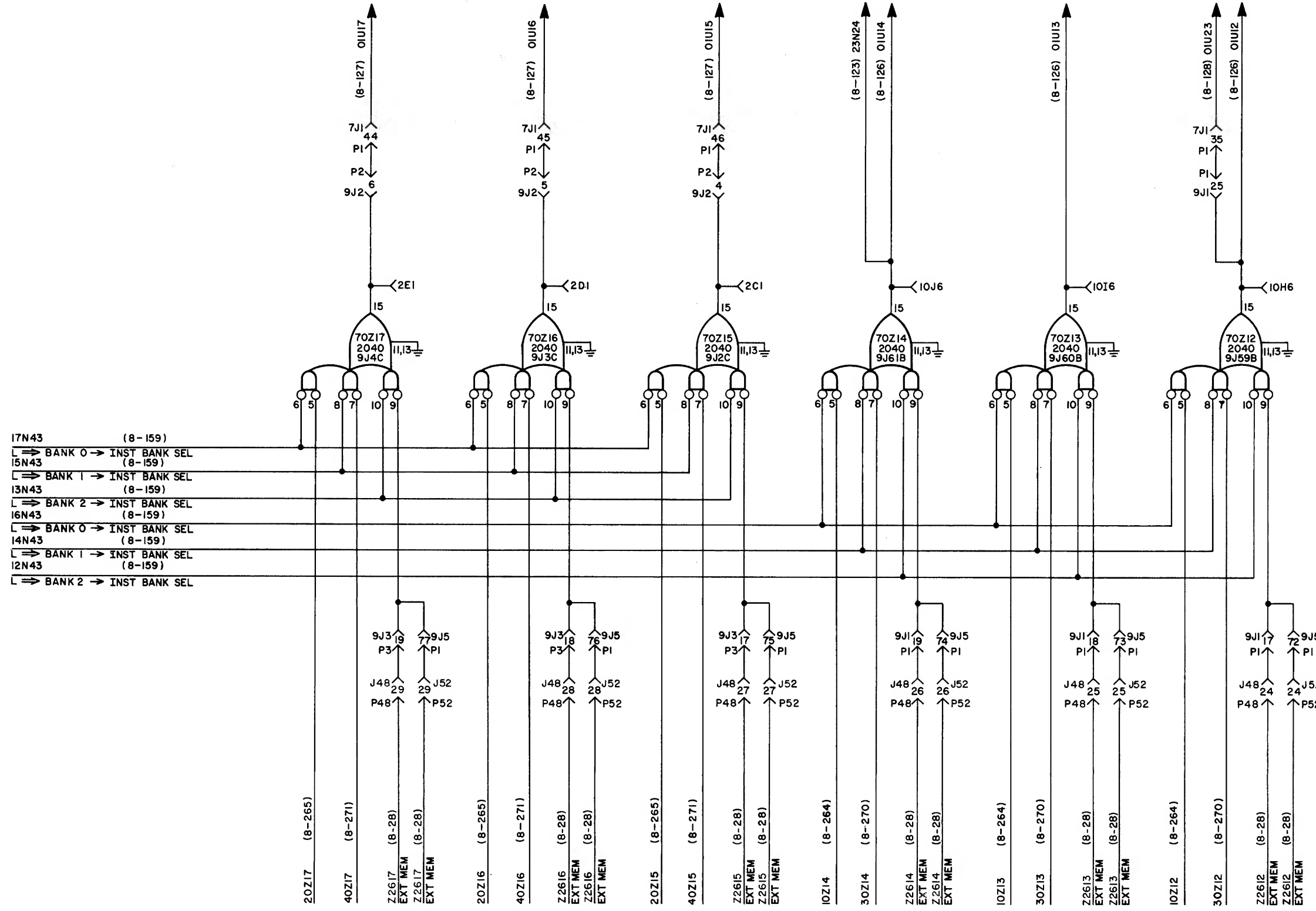


FIGURE 8-162

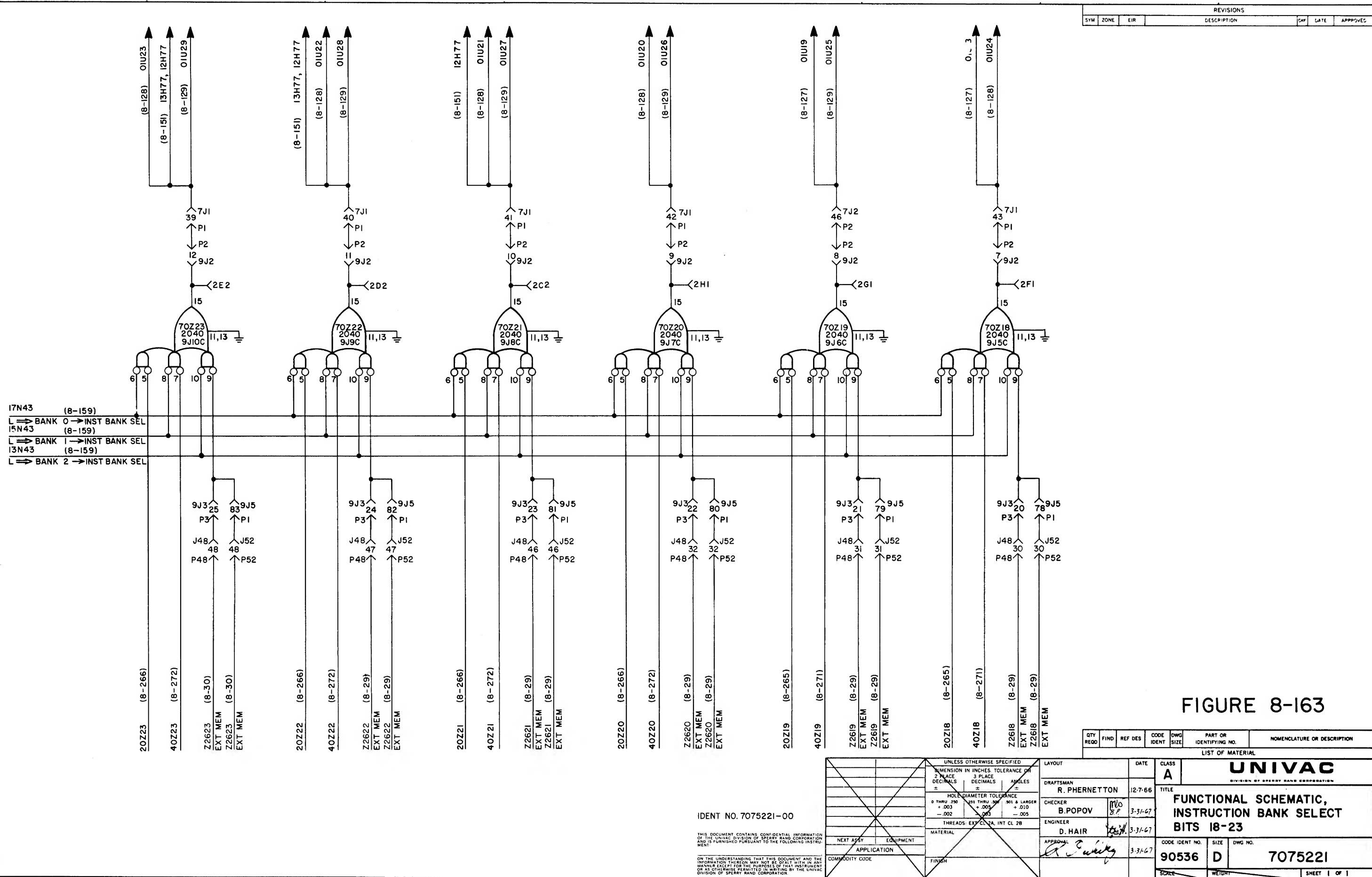
QTY	FIND	REF DES	CODE	DWG	PART OR	NOMENCLATURE OR DESCRIPTION
REQD			IDENT	SIZE	IDENTIFYING NO.	
LIST OF MATERIAL						
LAYOUT			DATE	CLASS	UNIVAC	
DRAFTSMAN			12-8-6	A	DIVISION OF SPERRY RAND CORPORATION	
D. LODGE					TITLE	
CHECKER			3-31-67		FUNCTIONAL SCHEMATIC,	
B. POPOV					INSTRUCTION BANK SELECT	
ENGINEER			3-31-67		BITS 12-17	
D. HAIR					CODE IDENT NO.	
APPROVAL					90536	
					SIZE	
					D	
					DWG NO.	
					7075220	
					SCALE	
					WEIGHT	
					SHEET	
					OF	

IDENT NO. 7075220-00

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION AND IS FURNISHED PURSUANT TO THE FOLLOWING INSTRUMENT:

ON THE UNDERSTANDING THAT THIS DOCUMENT AND THE INFORMATION THEREON MAY NOT BE DEALT WITH IN ANY MANNER EXCEPT FOR THE PURPOSES OF THAT INSTRUMENT OR AS OTHERWISE PERMITTED IN WRITING BY THE UNIVAC DIVISION OF SPERRY RAND CORPORATION

UNLESS OTHERWISE SPECIFIED	
DIMENSION IN INCHES. TOLERANCE ON	
2 PLACE DECIMALS	± .005
3 PLACE DECIMALS	± .001
ANGLES	± .005
HOLE DIAMETER TOLERANCE	
0 THRU .250	± .005
.251 THRU .500	± .005
.501 & LARGER	± .010
THREADS: EXT. CL. 2A, INT. CL. 2B	
MATERIAL	
FINISH	
NEXT ASSY	
EQUIPMENT	
APPLICATION	
COMMODITY CODE	



REVISIONS				
SYM	ZONE	EIR	DESCRIPTION	DATE

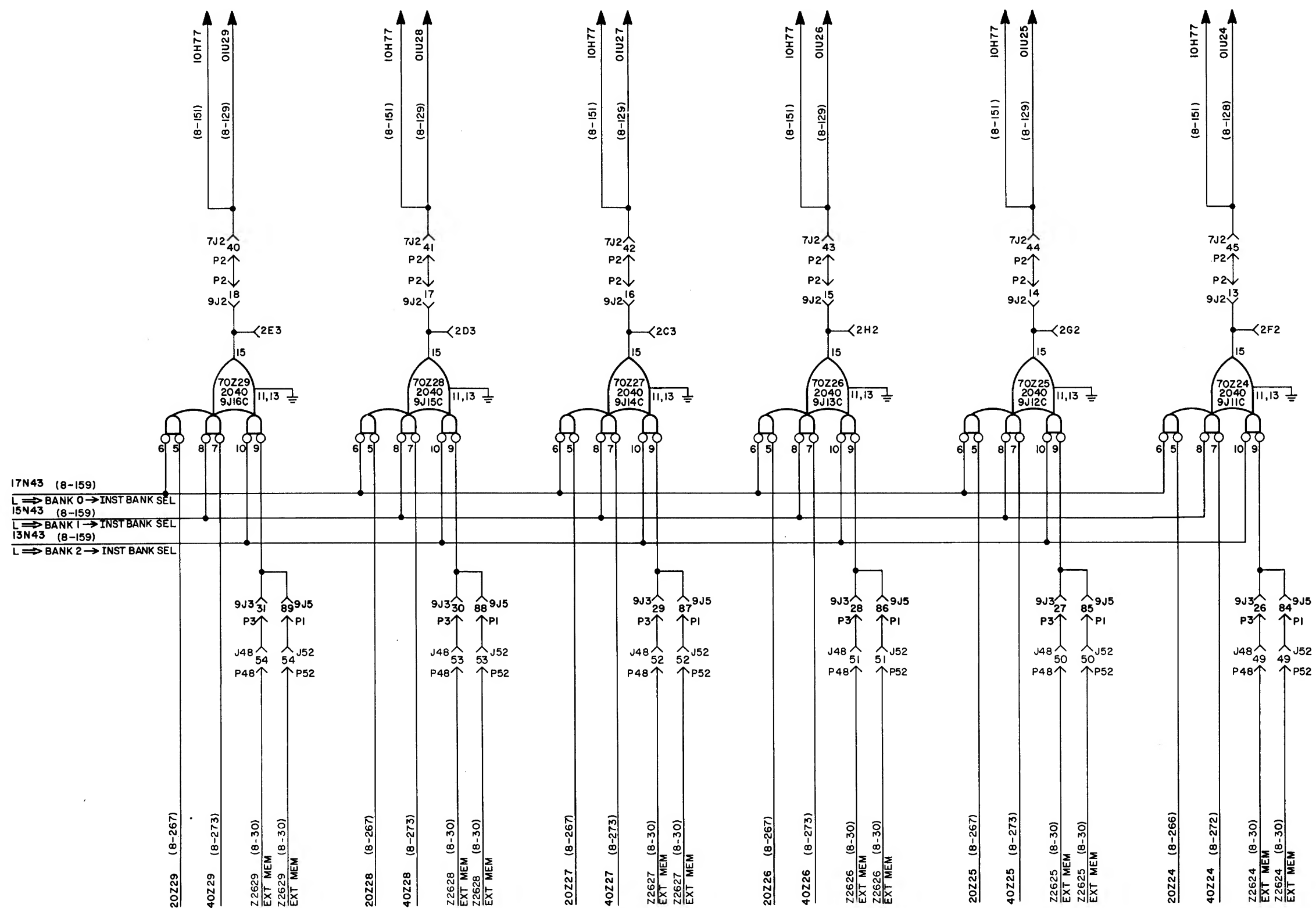


FIGURE 8-164

IDENT NO. 7075222-00

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION AND IS FURNISHED PURSUANT TO THE FOLLOWING INSTRUMENT:

ON THE UNDERSTANDING THAT THIS DOCUMENT AND THE INFORMATION THEREON MAY NOT BE DEALT WITH IN ANY MANNER EXCEPT FOR THE PURPOSES OF THAT INSTRUMENT OR AS OTHERWISE PERMITTED IN WRITING BY THE UNIVAC DIVISION OF SPERRY RAND CORPORATION.

UNLESS OTHERWISE SPECIFIED		LAYOUT		DATE		CLASS	
DIMENSION IN INCHES. TOLERANCE ON 2 PLACE DECIMALS		DRAFTSMAN		12-8-6		A	
HOLE DIAMETER TOLERANCE		D. LODGE					
0 THRU .250		CHECKER		3-31-67			
+ .003		B. POPOV					
- .002		ENGINEER		3-31-67			
		D. HAIR					
THREADS: EXT. CL. RA, INT. CL. 2B		APPROVED		3-31-67			
MATERIAL		COMMODITY CODE					
FINISH							
TITLE				FUNCTIONAL SCHEMATIC, INSTRUCTION BANK SELECT BITS 24-29			
CODE IDENT NO.				90536			
SIZE				D			
DWG NO.				7075222			
SCALE				WEIGHT			
SHEET				OF			

L →

REVISIONS				
SYM	ZONE	EIR	DESCRIPTION	DATE

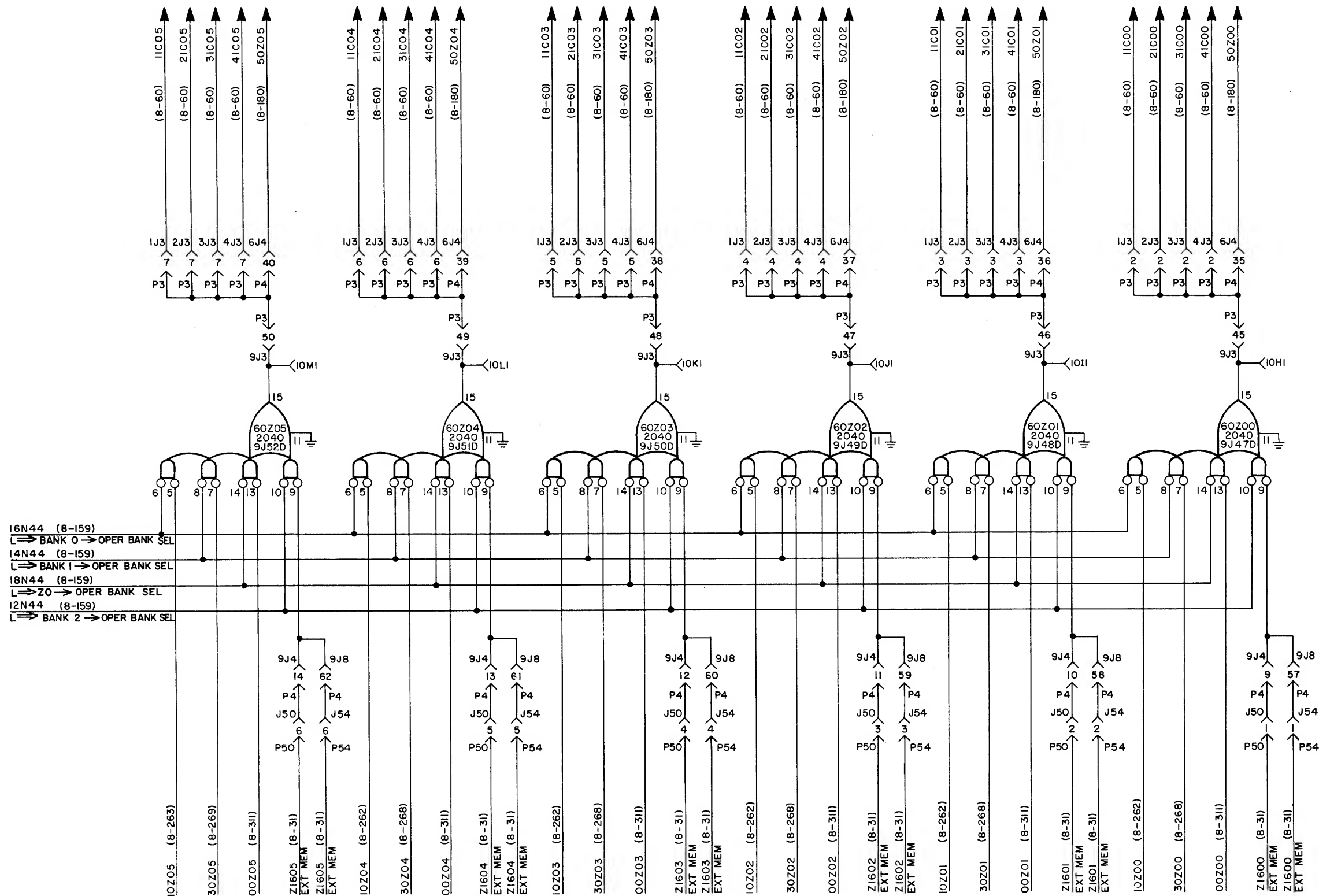


FIGURE 8-165

IDENT NO. 7075223-00

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION AND IS FURNISHED PURSUANT TO THE FOLLOWING INSTRUMENT:

ON THE UNDERSTANDING THAT THIS DOCUMENT AND THE INFORMATION THEREON MAY NOT BE DEALT WITH IN ANY MANNER EXCEPT FOR THE PURPOSES OF THAT INSTRUMENT OR AS OTHERWISE PERMITTED IN WRITING BY THE UNIVAC DIVISION OF SPERRY RAND CORPORATION.

UNLESS OTHERWISE SPECIFIED		LAYOUT		DATE		CLASS	
DIMENSION IN INCHES. TOLERANCE ON 2 PLACE DECIMALS ±		DRAFTSMAN		12-7-66		A	
HOLD DIAMETER TOLERANCE 0 THRU .250 ± .003 .251 THRU .500 ± .005 .501 & LARGER ± .010		R.C. PETERSON				TITLE	
THREADS: EXT. CL. 2A, INT. CL. 2B		CHECKER		3-31-67		FUNCTIONAL SCHEMATIC, OPERAND BANK SELECT BITS 00-05	
MATERIAL		ENGINEER		3-31-67		CODE IDENT NO.	
FINISH		D. HAIR				SIZE	
NEXT ASSY		APPROVAL		3-31-67		DWG NO.	
EQUIPMENT		P.C. Peterson				90536 D	
APPLICATION						7075223	
COMMODITY CODE						SCALE	
						WEIGHT	
						SHEET 1 OF 1	

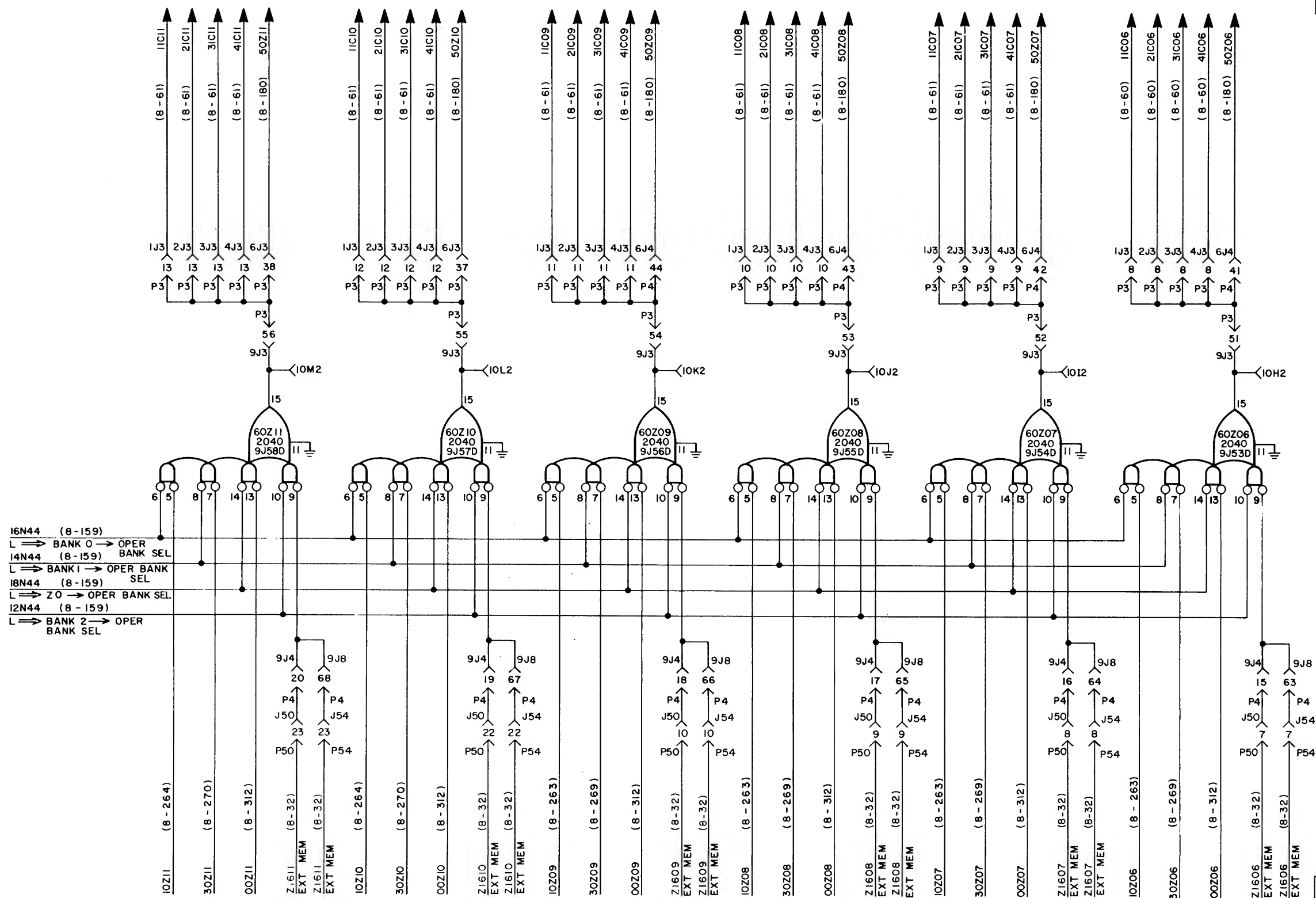


FIGURE 8-166

IDENT NO. 7075224-00

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION AND IS FURNISHED PURSUANT TO THE FOLLOWING INSTRUMENT:

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UNLESS OTHERWISE SPECIFIED	
DIMENSION IN INCHES: TOLERANCE ON 2 PLACE DECIMALS	ANGLES
HOLD DIAMETER TOLERANCE	
0 THRU .250	.005
.251 THRU .500	.010
.501 & LARGER	.015
THREADS: EXT. CL 2A, INT. CL 2B	
MATERIAL	
FINISH	

LAYOUT	DATE	CLASS
DRAFTSMAN R. C. PETERSON	12-7-66	A
CHECKER B. POPOV	3-31-67	
ENGINEER D. HAIR	3-31-67	
APPROVAL		

QTY REQD	FIND	REF DES	CODE IDENT	DWG SIZE	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION
LIST OF MATERIAL						
UNIVAC						
DIVISION OF SPERRY RAND CORPORATION						
TITLE						
FUNCTIONAL SCHEMATIC, OPERAND BANK SELECT BITS 06-11						
CODE IDENT NO.	SIZE	DWG NO.				
90536	D	7075224				
SCALE	WEIGHT	SHEET 1 OF 1				

REVISIONS				
SYM	ZONE	EIR	DESCRIPTION	DATE

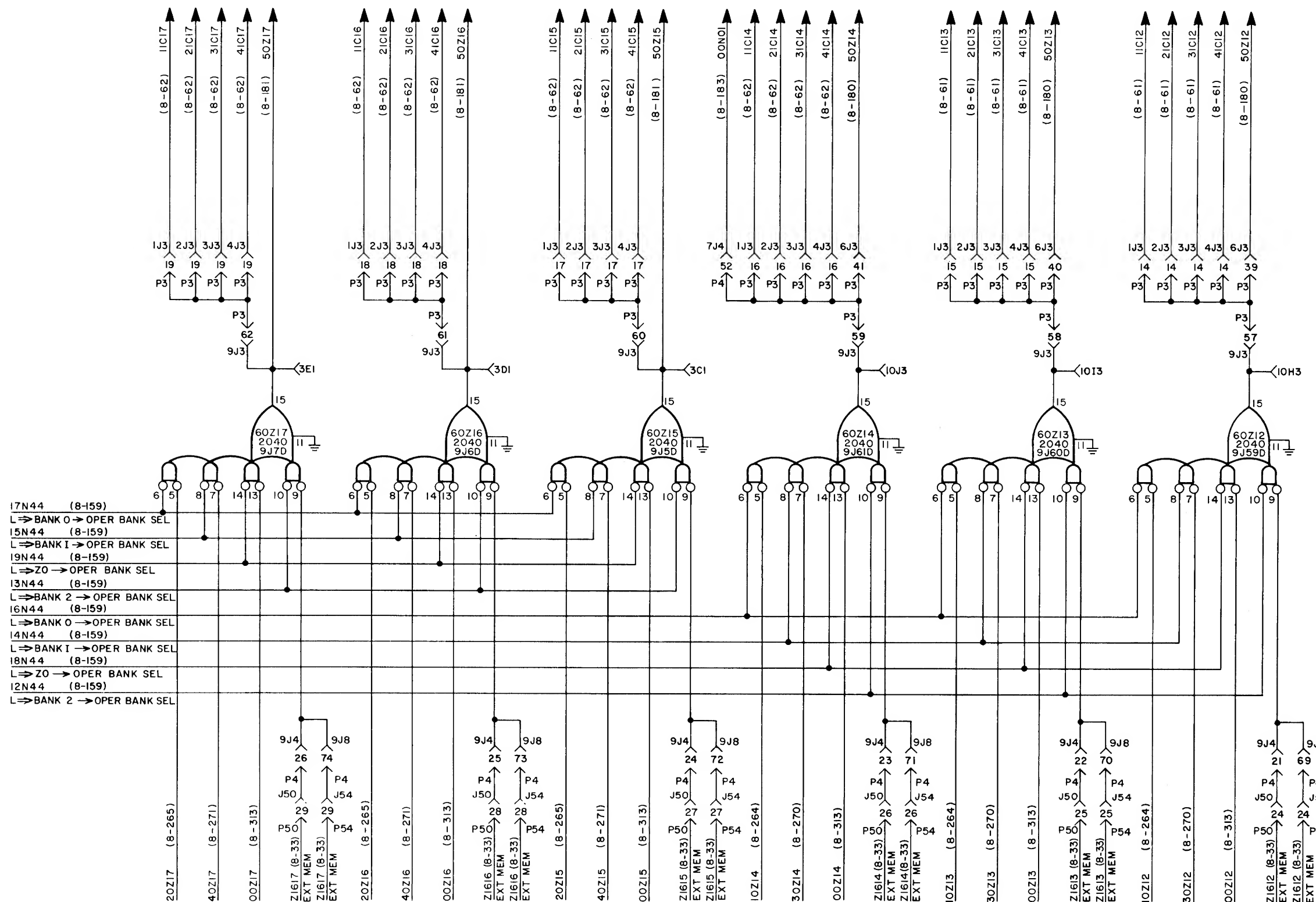


FIGURE 8-167

IDENT NO. 7075225-00

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UNLESS OTHERWISE SPECIFIED		LAYOUT		DATE	CLASS	PART OR IDENTIFYING NO.		NOMENCLATURE OR DESCRIPTION	
DIMENSION IN INCHES TOLERANCE ON 2 PLACE DECIMALS		DRAFTSMAN		128-66	A	UNIVAC		DIVISION OF SPERRY RAND CORPORATION	
HOLE DIAMETER TOLERANCE		CHECKER		3-31-67		TITLE		FUNCTIONAL SCHEMATIC, OPERAND BANK SELECT BITS 12-17	
THREADS EXT. CL. 2A, INT. CL. 2B		ENGINEER		3-31-67		CODE IDENT NO.		SIZE	DWG NO.
FINISH		APPROVED		3-31-67		90536		D	7075225
APPLICATION		COMMODITY CODE				SCALE		WEIGHT	SHEET 1 OF 1

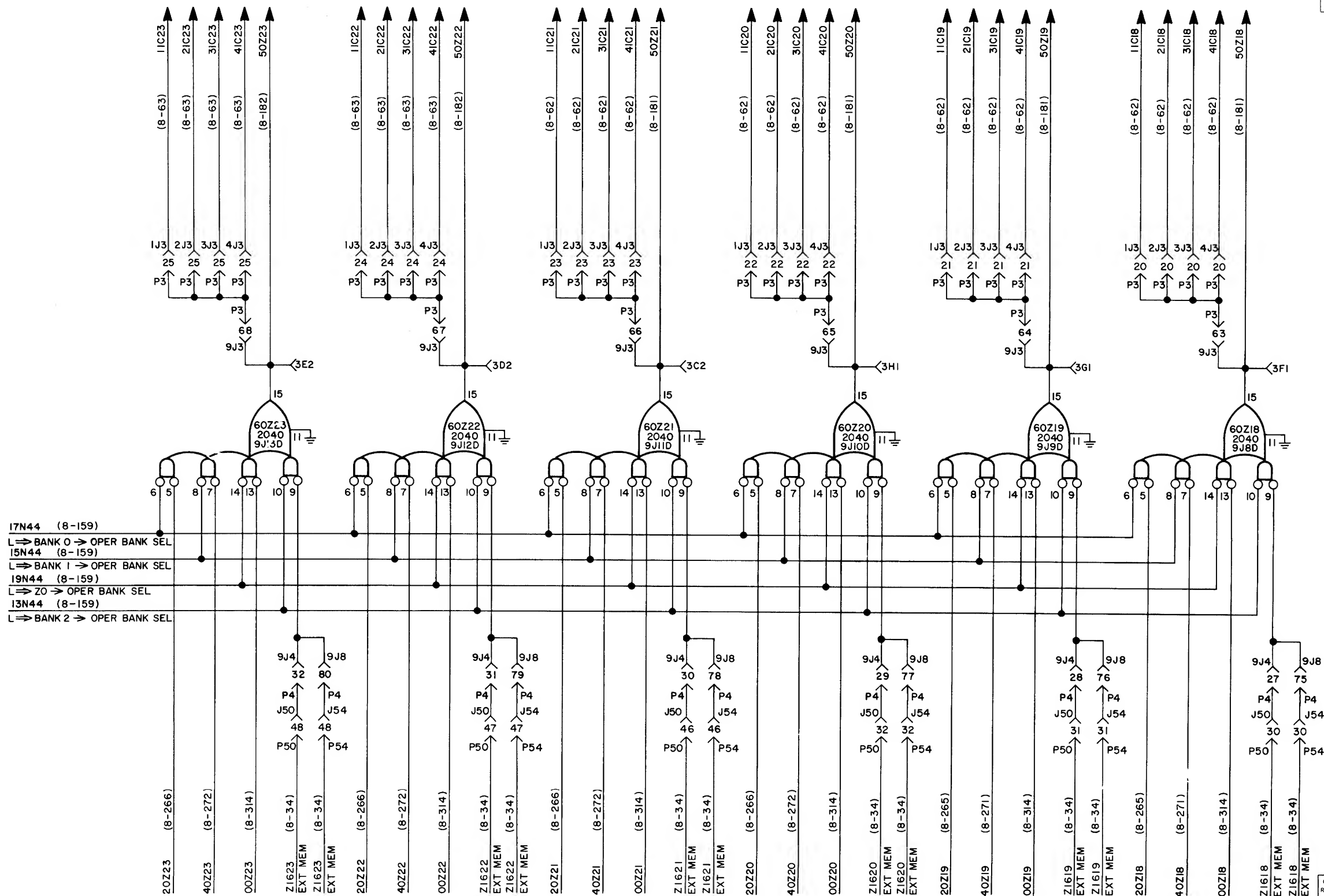


FIGURE 8-168

IDENT NO. 7075226-00

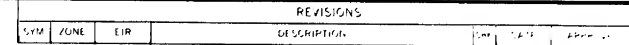
THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION AND IS FURNISHED PURSUANT TO THE FOLLOWING INSTRUMENT:

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UNLESS OTHERWISE SPECIFIED		LIST OF MATERIAL	
DIMENSION IN INCHES. TOLERANCE ON:		DATE	CLASS
2 PLACE DECIMALS	3 PLACE DECIMALS		
± .003	± .005	12-8-66	A
HOLE DIAMETER TOLERANCE		TITLE	
Ø THRU .250 ± .003 THRU .500 ± .005 > .500 ± .010		FUNCTIONAL SCHEMATIC, OPERAND BANK SELECT BITS 18-23	
THREADS: EXT. CL. 2A, INT. CL. 2B		CODE IDENT NO. 90536	
MATERIAL		SIZE D	
FINISH		DWG NO. 7075226	
APPLICATION		SHEET 1 OF 1	
COMMODITY CODE			

QTY REQD	FIND	REF DES	CODE IDENT	DWG SIZE	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION

DRAFTSMAN	CHECKER	ENGINEER	APPROVAL
R. C. PETERSON	B. POPOV	D. HAIR	



QTY REQD	FIND	REF DES	CODE IDENT	DWG SIZE	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION
LIST OF MATERIAL						

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION AND IS FURNISHED PURSUANT TO THE FOLLOWING INSTRUMENT

UNIVAC

FUNCTIONAL SCHEMATIC,
OPERAND BANK SELECT
BITS 24-29

CODE IDENT NO.	SIZE	DWG NO.
90536	D	7075227

7075227

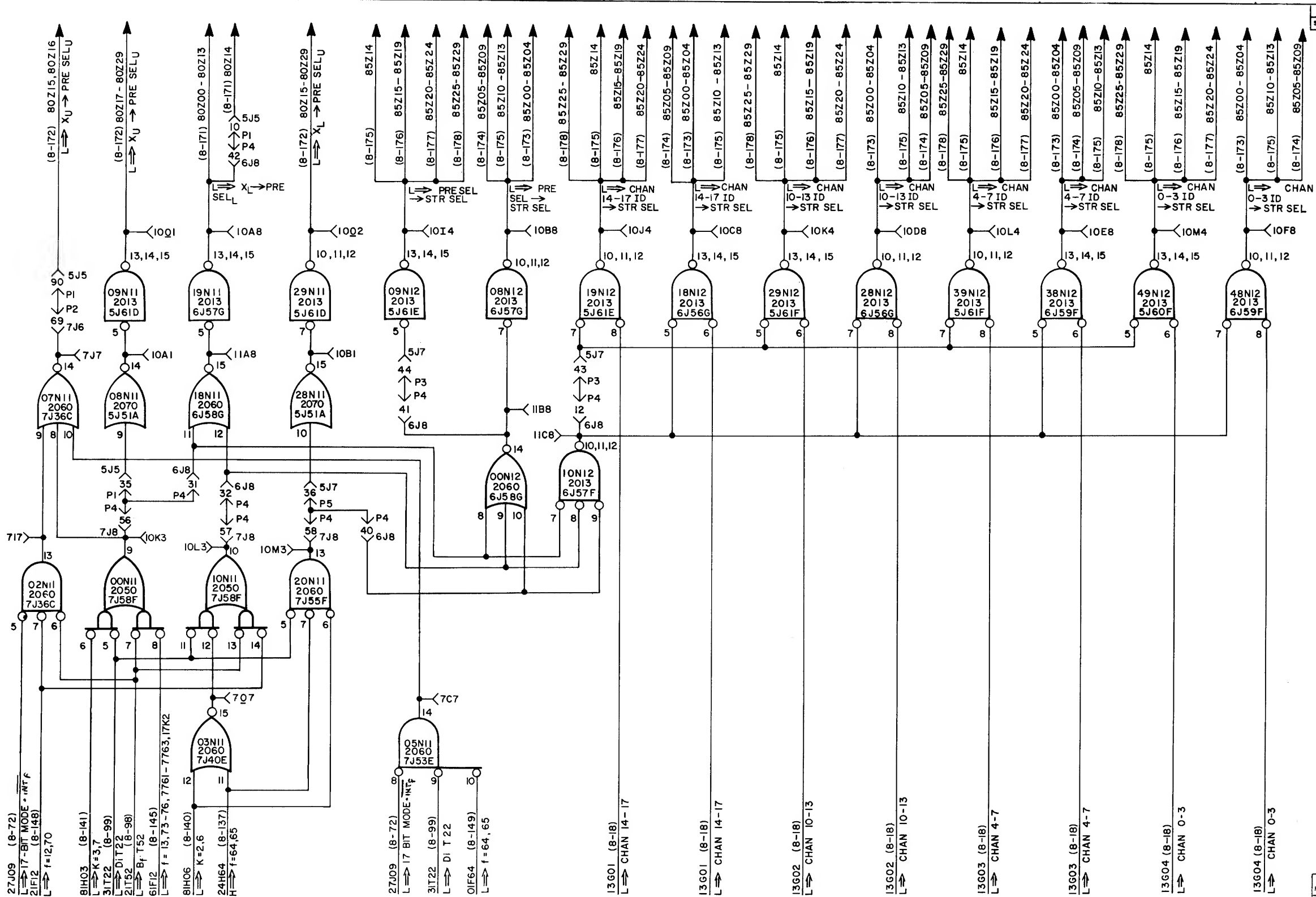


FIGURE 8-170

IDENT NO. 7075228-00

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		UNLESS OTHERWISE SPECIFIED			
		DIMENSION IN INCHES TOLERANCE ON			
		2 PLACE DECIMALS		3 PLACE DECIMALS	ANGLES
		±	±	±	
		HOLE DIAMETER TOLERANCE			
		0 THRU .250	.251 THRU .500	.501 & LARGER	
		+ .003	+ .005	+ .010	
		— .002	— .003	— .005	
		THREADS: EXT. CL 2A, INT. CL 2B			
		NEXT ASST.		EQUIPMENT	MATERIAL
APPLICATION					
COMMODITY CODE		FINISH			

↑ ↓

REVISIONS				
REV	DATE	DESCRIPTION	BY	APP'D
A	77404	SEE EIR	BP	4-22-66

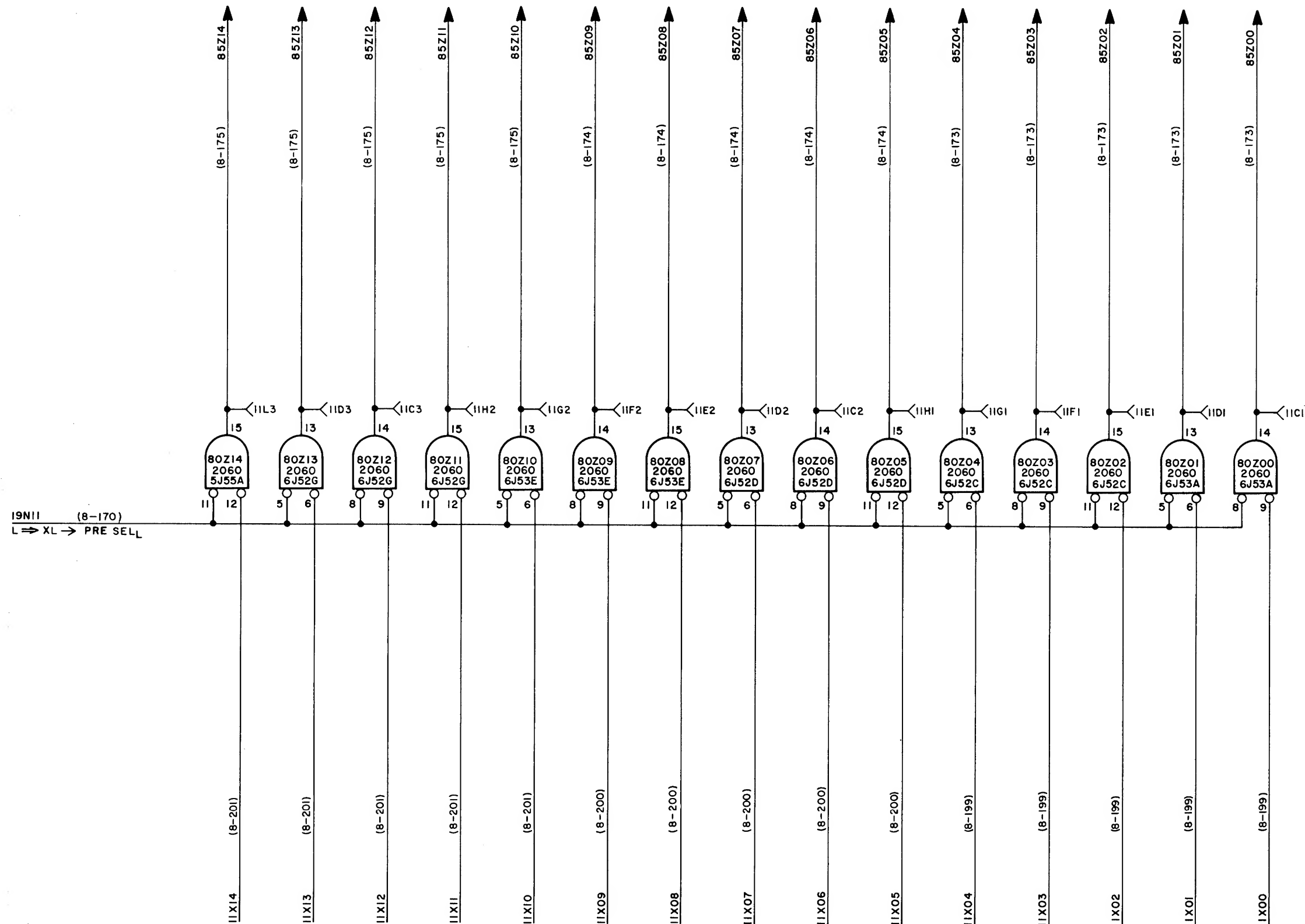


FIGURE 8-171

QTY	REQD	IND	REF DES	CODE IDENT	DWG SIZE	PART OR IDENTIFYING NO	NOMENCLATURE OR DESCRIPTION
LIST OF MATERIAL							
UNIVAC							
DIVISION OF SPERRY RAND CORPORATION							
TITLE							
FUNCTIONAL SCHEMATIC, PRE SELECT BITS 00-14							
CODE IDENT NO.							
90536							
SIZE							
D							
DWG NO.							
7032794							
SCALE							
WEIGHT							
SHEET							
OF 1							

IDENT NO. 7032794-00

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CONCLUSIONS OF THE NATIONAL BUREAU OF STANDARDS.
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MANUFACTURING OR CONSTRUCTION PURPOSES WITHOUT
THE WRITTEN PERMISSION OF THE NATIONAL BUREAU OF
STANDARDS.

DESIGNER	V. STEEBER
CHECKER	B. POPOV
ENGINEER	G. KREGNESS
APPROVAL	
DATE	4-22-66
BY	BP
FOR	9-15-66
REASON	4-15-66

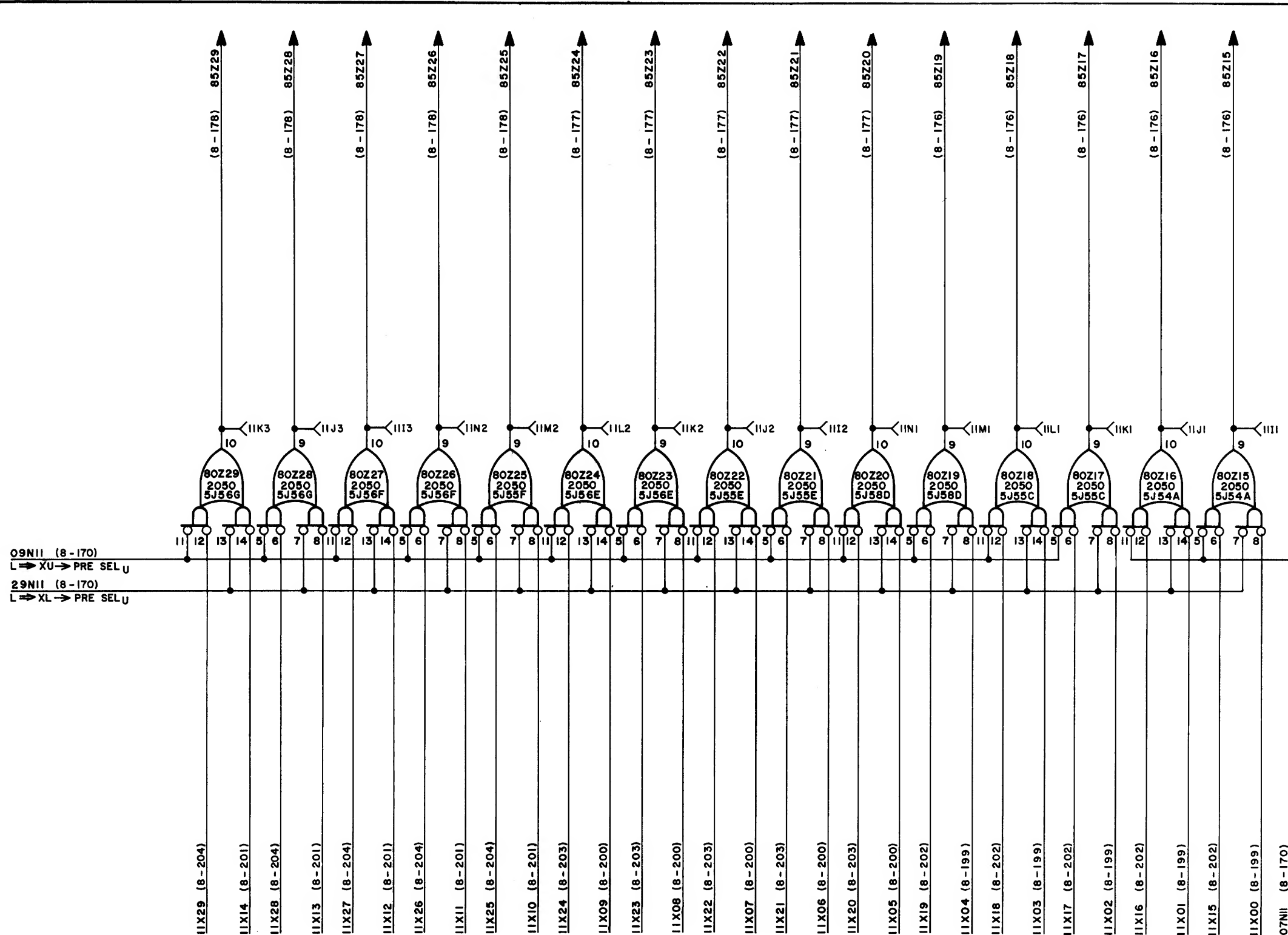


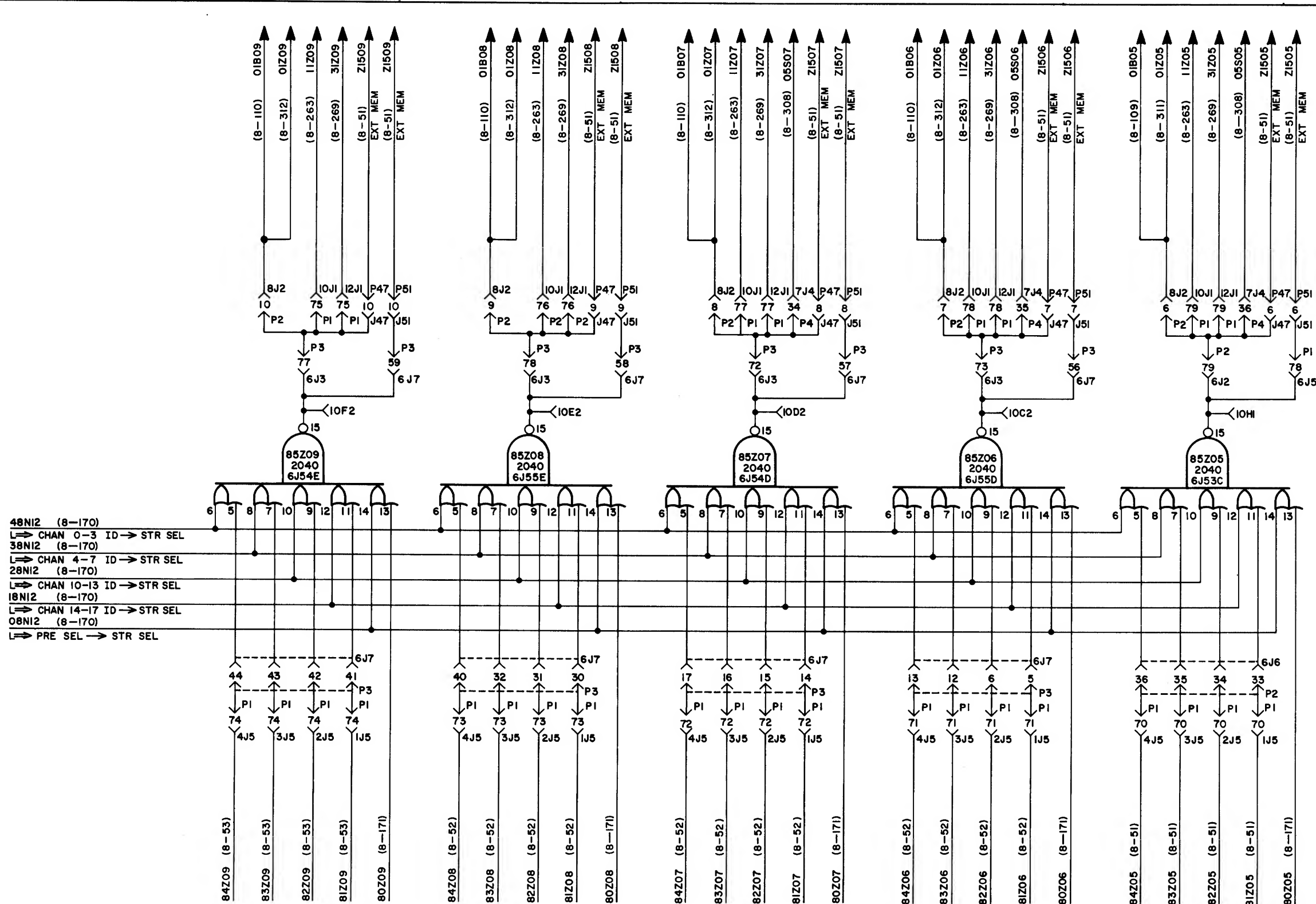
FIGURE 8-172

IDENT NO. 7032795-00

THIS DOCUMENT CONTAINS INFORMATION OF A SECRET NATURE AND IS TO BE KEPT SECRET. IT IS TO BE CONTAINED IN THE FILES OF THE PERSONNEL TO WHOM IT IS ISSUED AND IS NOT TO BE DISCLOSED TO ANY OTHER PERSON WITHOUT THE AUTHORITY OF THE PERSON TO WHOM IT IS ISSUED.

LAYOUT		DATE	CLASS
DRAFTSMAN V. STEEBER		4-22-65	A
CHECKER B. POPOV		4-22-65	
ENGINEER G. KREGNESS		4-22-65	
APPROVAL <i>[Signature]</i>		4-22-65	

QTY REQD	FIND	REF DES	CODE IDENT	DWG SIZE	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION
LIST OF MATERIAL						
UNIVAC						
DIVISION OF SPERRY RAND CORPORATION						
TITLE FUNCTIONAL SCHEMATIC PRE SELECT BITS 15-29						
CODE IDENT NO. 90536		SIZE D	DWG NO. 7032795			
SCALE		WEIGHT		SHEET 1 OF 1		



REVISIONS				
SYM	ZONE	EIR	DESCRIPTION	DATE

FIGURE 8-174

IDENT NO. 7075230-00

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION AND IS FURNISHED PURSUANT TO THE FOLLOWING INSTRUMENT:
ON THE UNDERSTANDING THAT THIS DOCUMENT AND THE INFORMATION THEREON MAY NOT BE DEALT WITH IN ANY MANNER EXCEPT FOR THE PURPOSES OF THAT INSTRUMENT OR AS OTHERWISE PERMITTED IN WRITING BY THE UNIVAC DIVISION OF SPERRY RAND CORPORATION

UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES TOLERANCE ON 2 PLACE DECIMALS 3 PLACE DECIMALS ANGLES		LAYOUT	DATE	CLASS	PART OR IDENTIFYING NO.		NOMENCLATURE OR DESCRIPTION	
HOLE DIAMETER TOLERANCE 0 THRU .250 + .003 - .002		DRAFTSMAN G. ERLANDSON	12-8-66	A	TITLE FUNCTIONAL SCHEMATIC, STORE SELECT BITS 05 - 09		LIST OF MATERIAL	
THREADS: EXT. CL. 2A, INT. CL. 2B		CHECKER B. POPOV	3-31-67		CODE IDENT NO. 90536		SIZE D	DWG NO. 7075230
MATERIAL		ENGINEER D. FREE	3-31-67		SCALE		WEIGHT	SHEET 1 OF 1
FINISH		APPROVAL <i>[Signature]</i>	3-31-67					

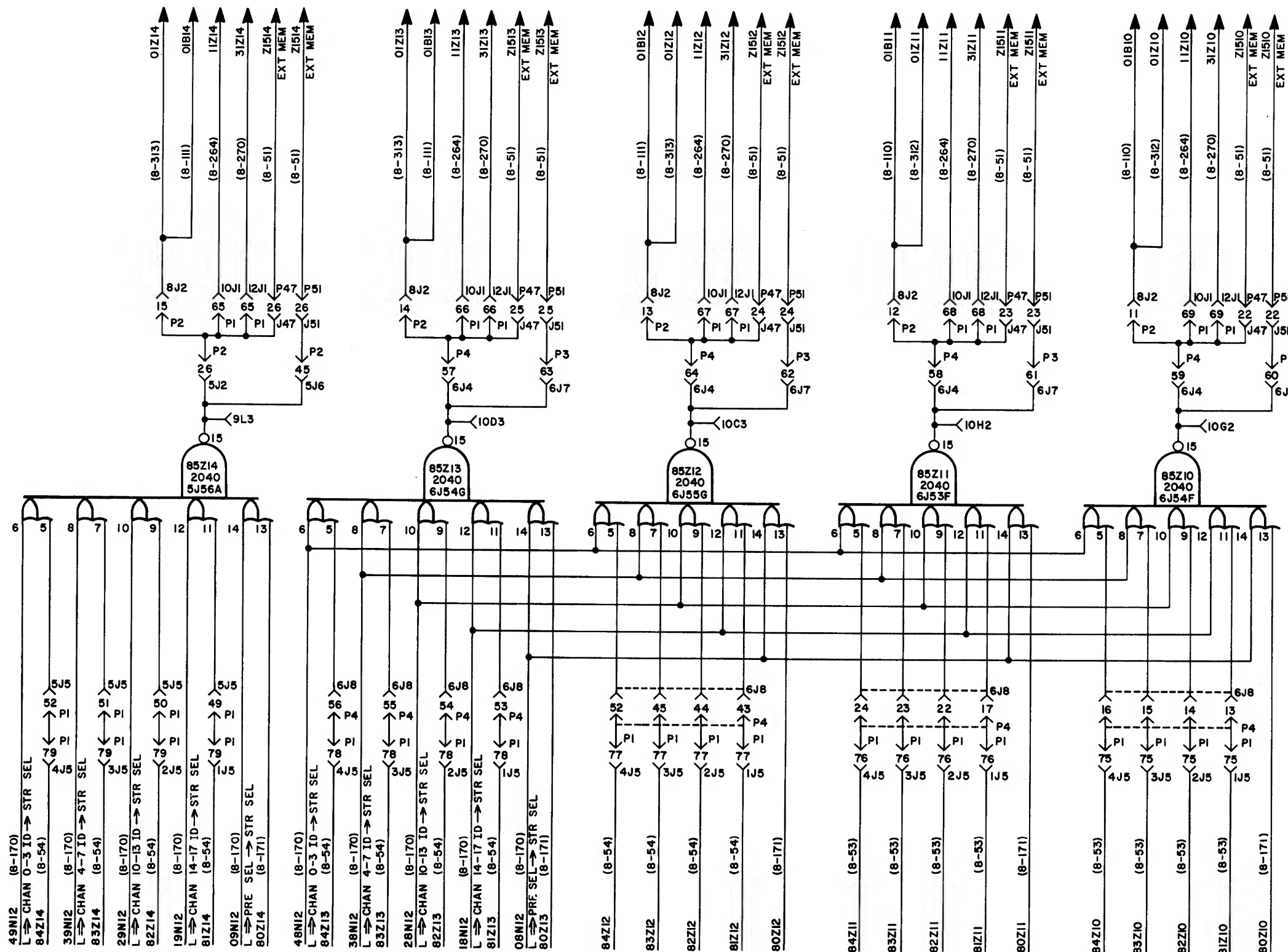
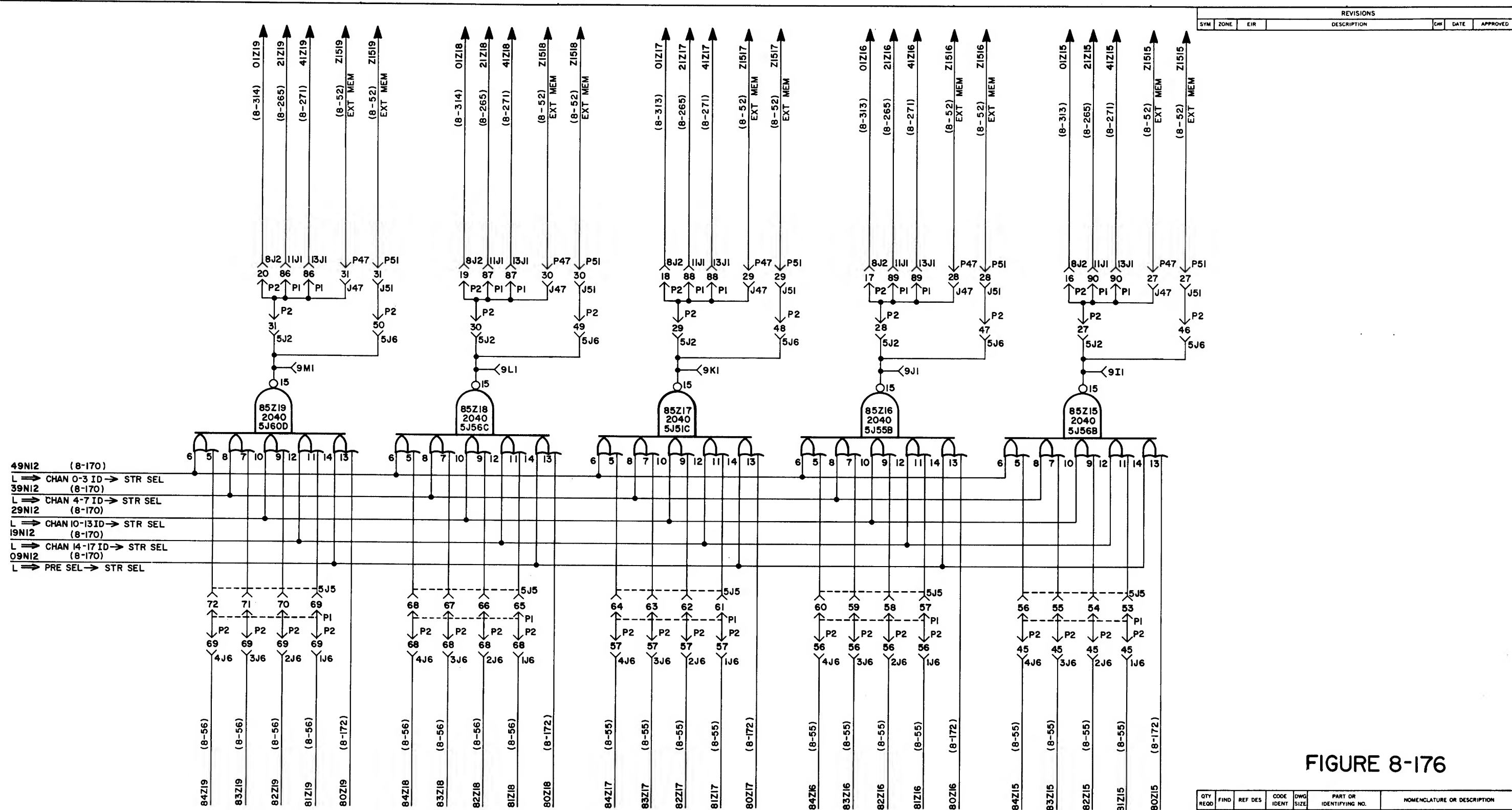


FIGURE 8-175

IDENT NO. 7075231-00

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UNLESS OTHERWISE SPECIFIED		LAYOUT		DATE		CLASS	
DIMENSION IN INCHES. TOLERANCE ON 2 PLACE DECIMALS		DRAFTSMAN		12-7-66		A	
HOLE DIAMETER TOLERANCE		G. ERLANDSON				TITLE	
0 THRU .250 + .003 - .002		CHECKER		B. POPOV		FUNCTIONAL SCHEMATIC, STORE SELECT BITS 10-14	
.251 THRU .500 + .005 - .005		ENGINEER		D. FREE		CODE IDENT NO. 90536	
.501 & LARGER + .010 - .005		APPROVED		[Signature]		SIZE D	
THREADS: EXT. CL. 2A, INT. CL. 2B		COMMODITY CODE		FINISH		DWG NO. 7075231	
MATERIAL		APPLICATION		EQUIPMENT		SCALE	
NEXT ASSY		COMMODITY CODE		FINISH		WEIGHT	
COMMODITY CODE		FINISH		FINISH		SHEET 1 OF 1	



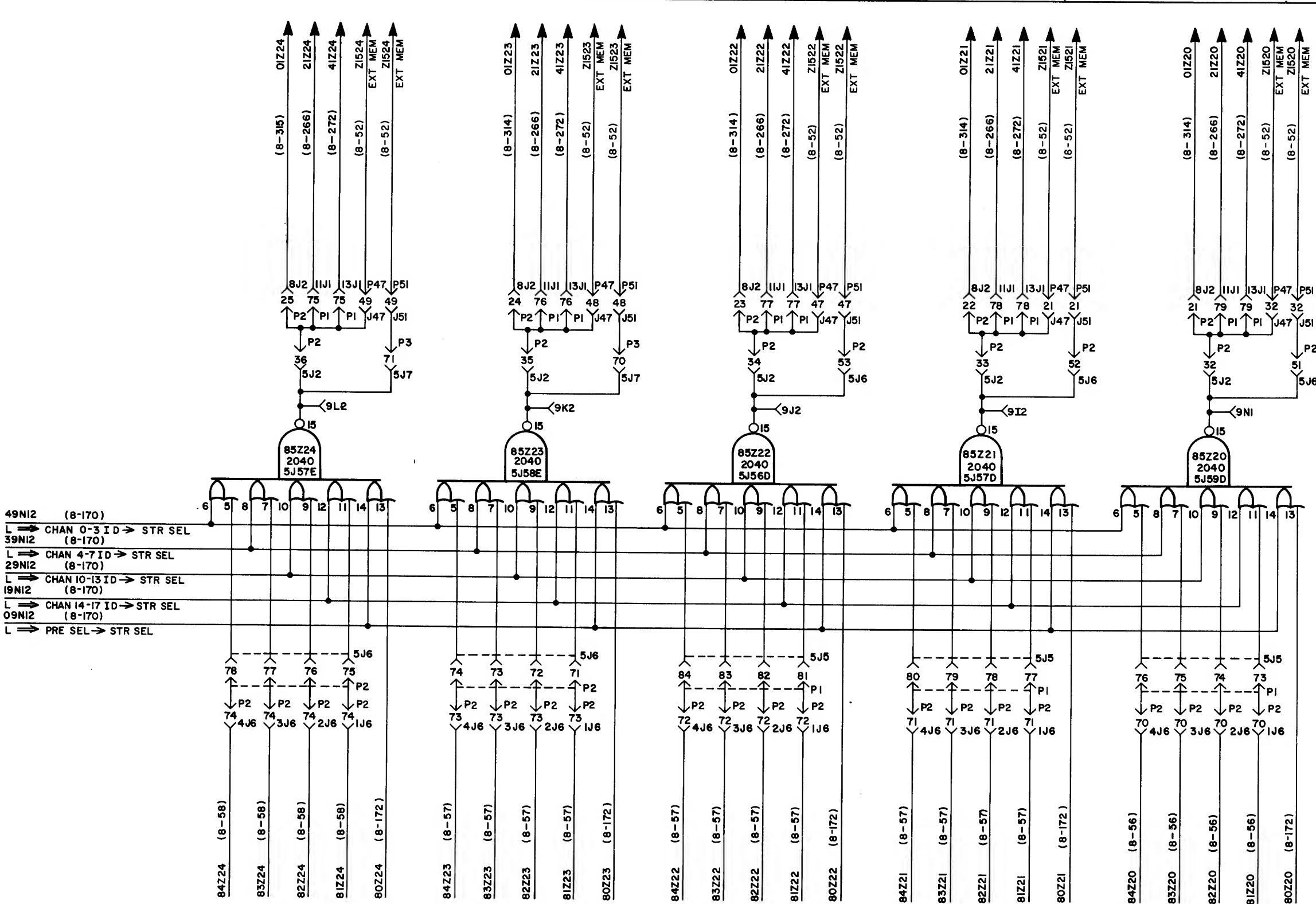
49N12 (8-170)
L → CHAN 0-3 ID → STR SEL
39N12 (8-170)
L → CHAN 4-7 ID → STR SEL
29N12 (8-170)
L → CHAN 10-13 ID → STR SEL
19N12 (8-170)
L → CHAN 14-17 ID → STR SEL
09N12 (8-170)
L → PRE SEL → STR SEL

FIGURE 8-176

IDENT NO. 7075232-00

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UNLESS OTHERWISE SPECIFIED		LAYOUT		DATE		CLASS	
DIMENSION IN INCHES. TOLERANCE ON 2 PLACE DECIMALS		DRAFTSMAN R. PHERNETTON		12-6-66		A	
HOLE DIAMETER TOLERANCE		CHECKER B. POPOV		3-31-67		TITLE	
0 THRU .250 +.003		ENGINEER D. FREE		3-31-67		FUNCTIONAL SCHEMATIC, STORE SELECT BITS 15-19	
.251 THRU .500 +.005		APPROVAL		3-31-67		CODE IDENT NO. 90536	
.501 & LARGER +.010		COMMODITY CODE		FINISH		SIZE D	
THREADS: EXT. CL. 2A, INT. CL. 2B		APPLICATION		NEXT ASSY		DWG NO. 7075232	
MATERIAL		EQUIPMENT		SCALE		WEIGHT	
FINISH		SHEET 1 OF 1					



REVISIONS				
SYM	ZONE	EIR	DESCRIPTION	DATE

FIGURE 8-177

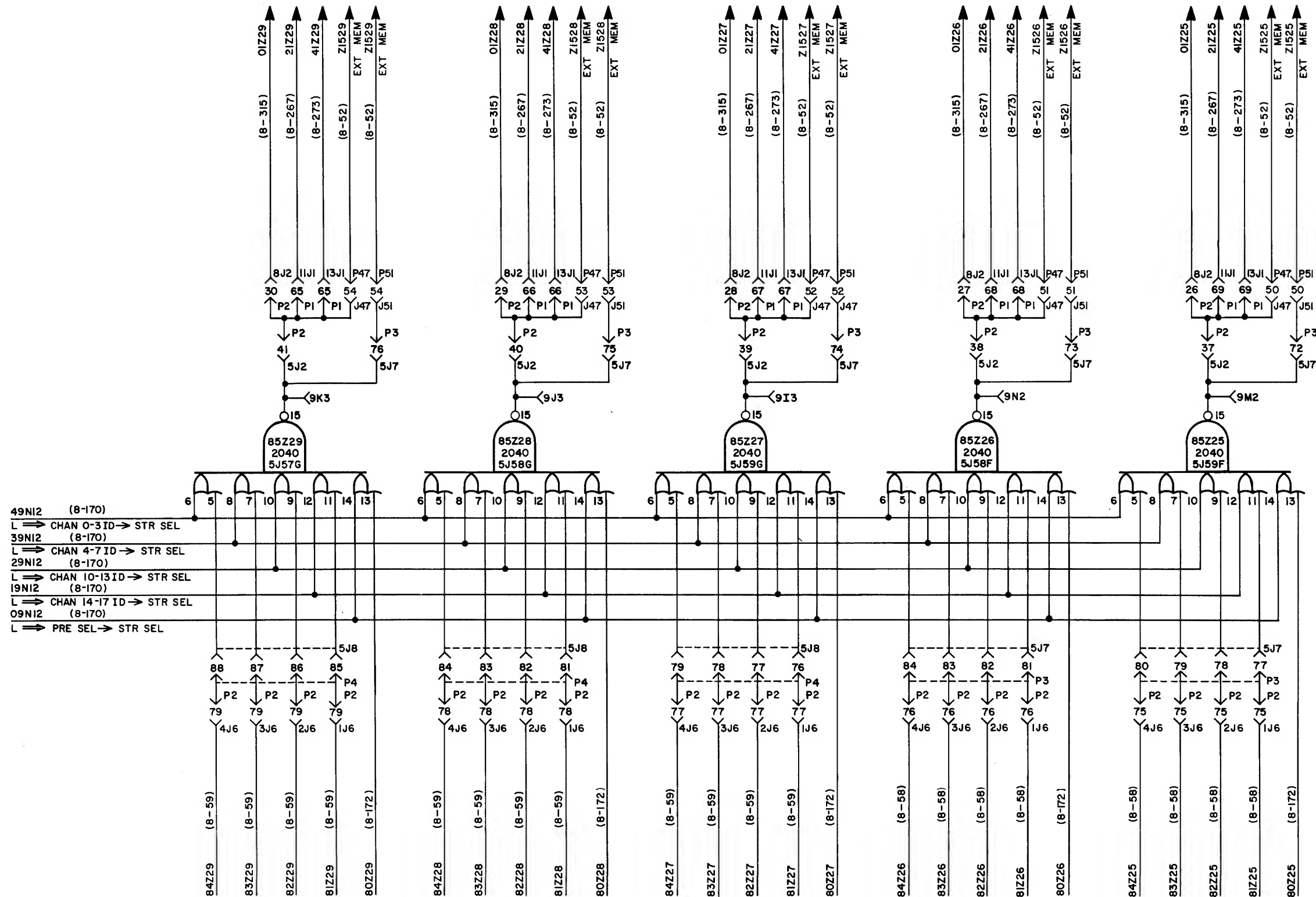
IDENT NO.

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION AND IS FURNISHED PURSUANT TO THE FOLLOWING INSTRUMENT:

ON THE UNDERSTANDING THAT THIS DOCUMENT AND THE INFORMATION THEREON MAY NOT BE DEALT WITH IN ANY MANNER EXCEPT FOR THE PURPOSES OF THAT INSTRUMENT OR AS OTHERWISE PERMITTED IN WRITING BY THE UNIVAC DIVISION OF SPERRY RAND CORPORATION.

UNLESS OTHERWISE SPECIFIED	
DIMENSION IN INCHES, TOLERANCE ON 2 PLACE DECIMALS	ANGLES
HOLE DIAMETER TOLERANCE	
THREADS: EXT. CL. 2A, INT. CL. 2B	
MATERIAL	
FINISH	
LAYOUT	
DATE	
CLASS	
DRAFTSMAN	
CHECKER	
ENGINEER	
APPROVAL	
NEXT ASSY	
EQUIPMENT	
APPLICATION	
COMMODITY CODE	

QTY REQD	FIND	REF DES	CODE IDENT	DWG SIZE	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION
LIST OF MATERIAL						
UNIVAC						
DIVISION OF SPERRY RAND CORPORATION						
TITLE						
FUNCTIONAL SCHEMATIC, STORE SELECT BITS 20 - 24						
CODE IDENT NO.						
90536						
SIZE						
D						
DWG NO.						
7075233						
SCALE						
WEIGHT						
SHEET 1 OF 1						



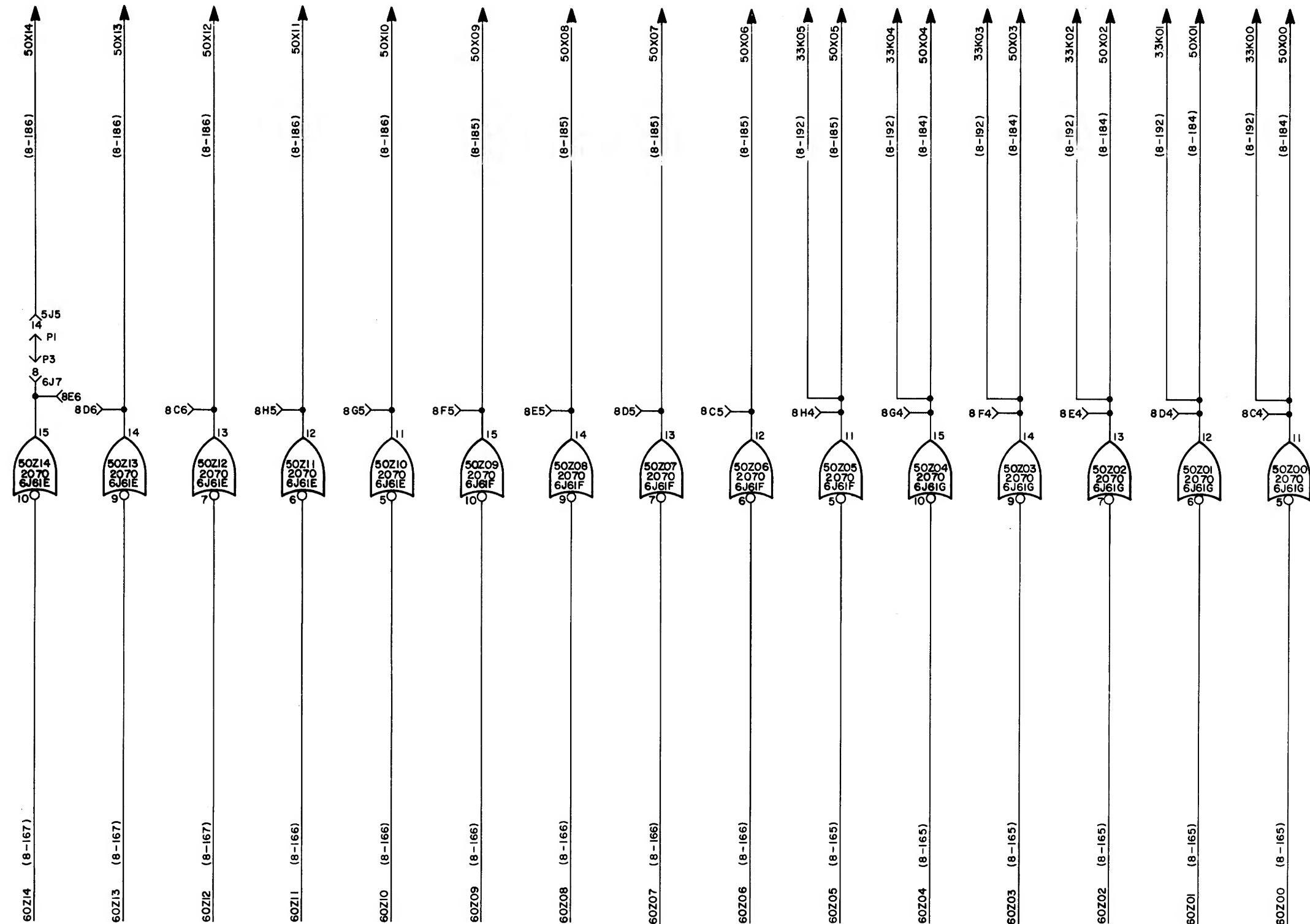
REVISIONS				
SYM	ZONE	EIR	DESCRIPTION	DATE

FIGURE 8-178

IDENT NO. 7075234-00

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION AND IS FURNISHED PURSUANT TO THE FOLLOWING INSTRUMENT OR AS OTHERWISE PERMITTED IN WRITING BY THE UNIVAC DIVISION OF SPERRY RAND CORPORATION.

UNLESS OTHERWISE SPECIFIED		LAYOUT		DATE		CLASS	
DIMENSION IN INCHES. TOLERANCE ON 2 PLACE DECIMALS		DRAFTSMAN		12-6-66		A	
HOLE DIAMETER TOLERANCE		E. BICKETT		3-31-67		TITLE	
0 THRU .250 +.003 - .002		CHECKER		3-31-67		FUNCTIONAL SCHEMATIC, STORE SELECT BITS 25 - 29	
.251 THRU .500 +.003 - .002		ENGINEER		3-31-67		CODE IDENT NO.	
.501 & LARGER +.010 - .005		D. FREE		3-31-67		SIZE	
THREADS: EXPT. CL. 2A, INT. CL. 2B		APPROVAL		3-31-67		DWG NO.	
MATERIAL		FINISH		3-31-67		90536 D 7075234	
NEXT ASSY		EQUIPMENT		3-31-67		SCALE	
APPLICATION		COMMODITY CODE		3-31-67		WEIGHT	
COMMODITY CODE		FINISH		3-31-67		SHEET 1 OF 1	



REVISIONS				
SYM	ZONE	EIR	DESCRIPTION	CHK DATE APPROVED

FIGURE 8-180

IDENT NO. 7032817-00

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION AND IS FURNISHED PURSUANT TO THE FOLLOWING INSTRUMENT:
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UNLESS OTHERWISE SPECIFIED		LAYOUT		DATE		CLASS	
DIMENSION IN INCHES. TOLERANCE OR 2 PLACE DECIMALS		B. MORAST		5-19-65		A	
HOLE DIAMETER TOLERANCE		CHECKER		B. POPOV		TITLE	
0 THRU .250 +.003		ENGINEER		G. KREGNESS		FUNCTIONAL SCHEMATIC, Z SELECT BITS 00-14	
.251 THRU .500 +.005		APPROVAL		DU/Mayer		CODE IDENT NO. 90536	
.501 & LARGER +.010		MATERIAL				SIZE D	
THREADS: EXT. CL. 2A, INT. CL. 2B		FINISH				DWG NO. 7032817	
NEXT ASSY		EQUIPMENT				SCALE	
APPLICATION						WEIGHT	
COMMODITY CODE						SHEET 1 OF 1	

1

REVISIONS				
SYN	ZONE	EIR	DESCRIPTION	CHK DATE APPROVED

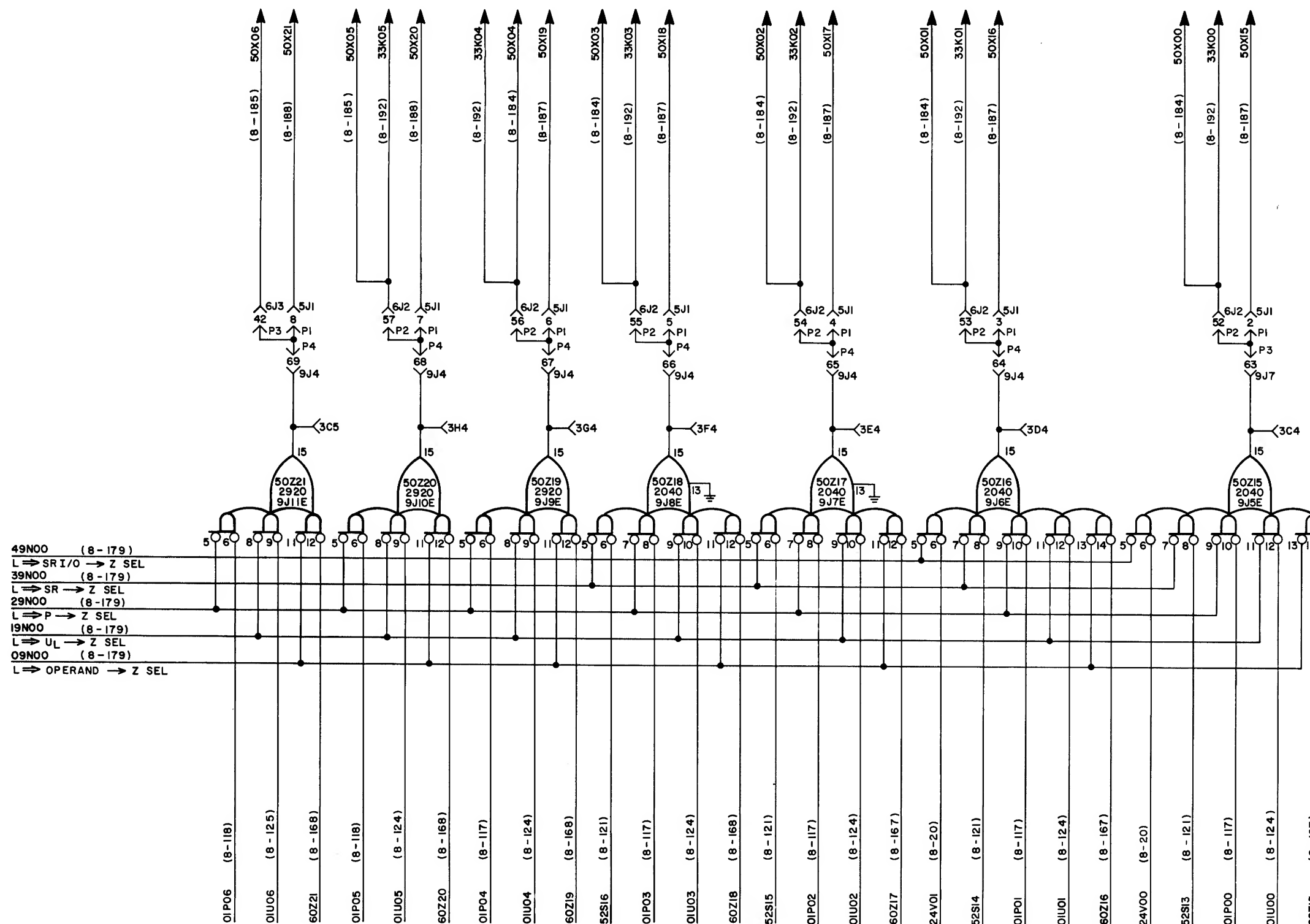


FIGURE 8-181

IDENT NO. 7032818-00

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UNLESS OTHERWISE SPECIFIED		LAYOUT		DATE		CLASS	
DIMENSION IN INCHES. TOLERANCE ON 2 PLACE DECIMALS		DRAFTSMAN		5-20-65		A	
HOLE DIAMETER TOLERANCE		B. MORAST				TITLE	
0 THRU .250 +.003		CHECKER		9-15-66		FUNCTIONAL SCHEMATIC,	
.251 THRU .500 +.005		B. POPOV				Z SELECT BITS 15-21	
.501 & LARGER +.010		ENGINEER				CODE IDENT NO.	
THREADS: EXT. CL. 2A, INT. CL. 2B		G. KREGNESS		9-15-66		90536	
MATERIAL		APPROVAL				SIZE	
FINISH						D	
COMMODITY CODE						DWG NO.	
						7032818	
						SCALE	
						WEIGHT	
						SHEET 1 OF 1	

REVISIONS					
SYM	ZONE	EIR	DESCRIPTION	CHK	DATE
A		77404	SEE EIR		4-22-66

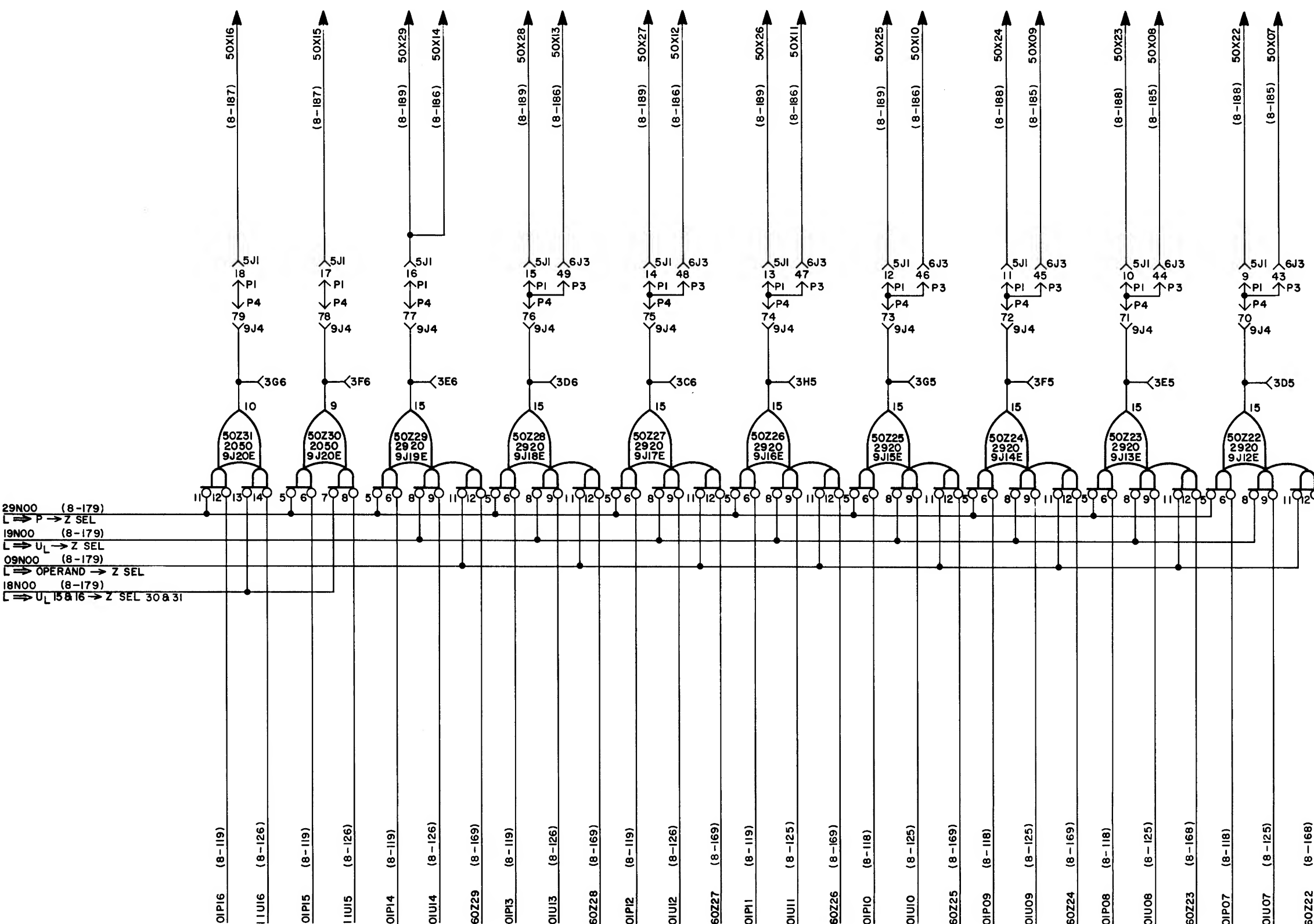


FIGURE 8-182

IDENT NO. 7032819-00

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION AND IS FURNISHED PURSUANT TO THE FOLLOWING INSTRUMENT:

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UNLESS OTHERWISE SPECIFIED		DIMENSION IN INCHES. TOLERANCE ON 2 PLACE DECIMALS		3 PLACE DECIMALS		ANGLES	
HOLE DIAMETER TOLERANCE		0 THRU .250		.251 THRU .500		.501 & LARGER	
TOLERANCE		+ .003		+ .005		+ .010	
TOLERANCE		- .002		- .005		- .005	
THREADS: EXT. CL. 2A, INT. CL. 2B		MATERIAL		FINISH		LAYOUT	
NEXT ASSY		EQUIPMENT		COMMODITY CODE		DATE	
APPLICATION		DATE		CLASS		TITLE	
DRAFTSMAN		B. MORAST		520-65		UNIVAC	
CHECKER		B. POPOV		7-56		FUNCTIONAL SCHEMATIC,	
ENGINEER		G. KREGNESS		7-56		Z SELECT BITS 22-31	
APPROVAL		7-56		CODE IDENT NO.		SIZE	
7-56		90536		D		DWG NO.	
7-56		7032819		SCALE		WEIGHT	
7-56		SHEET		OF		1	

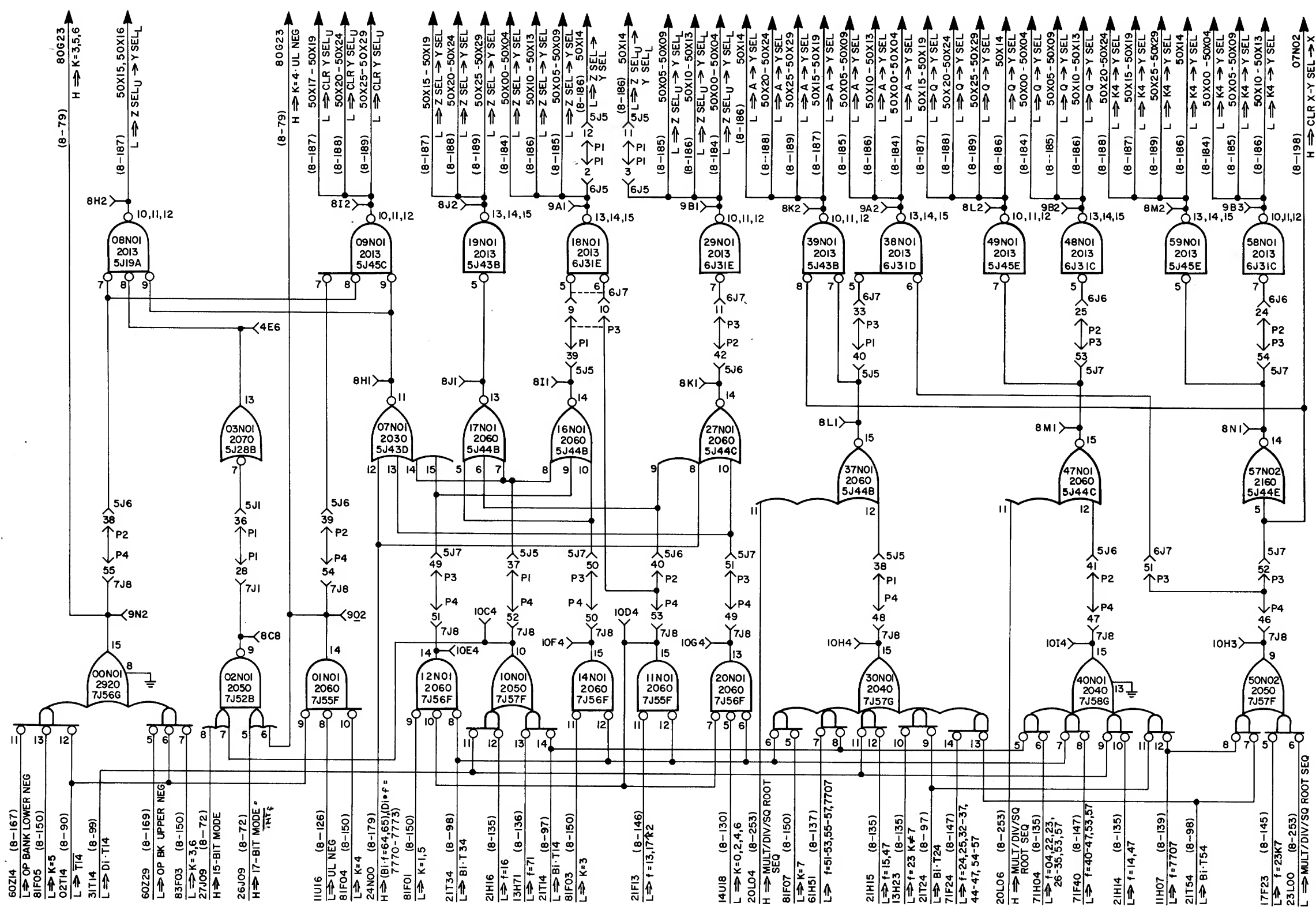
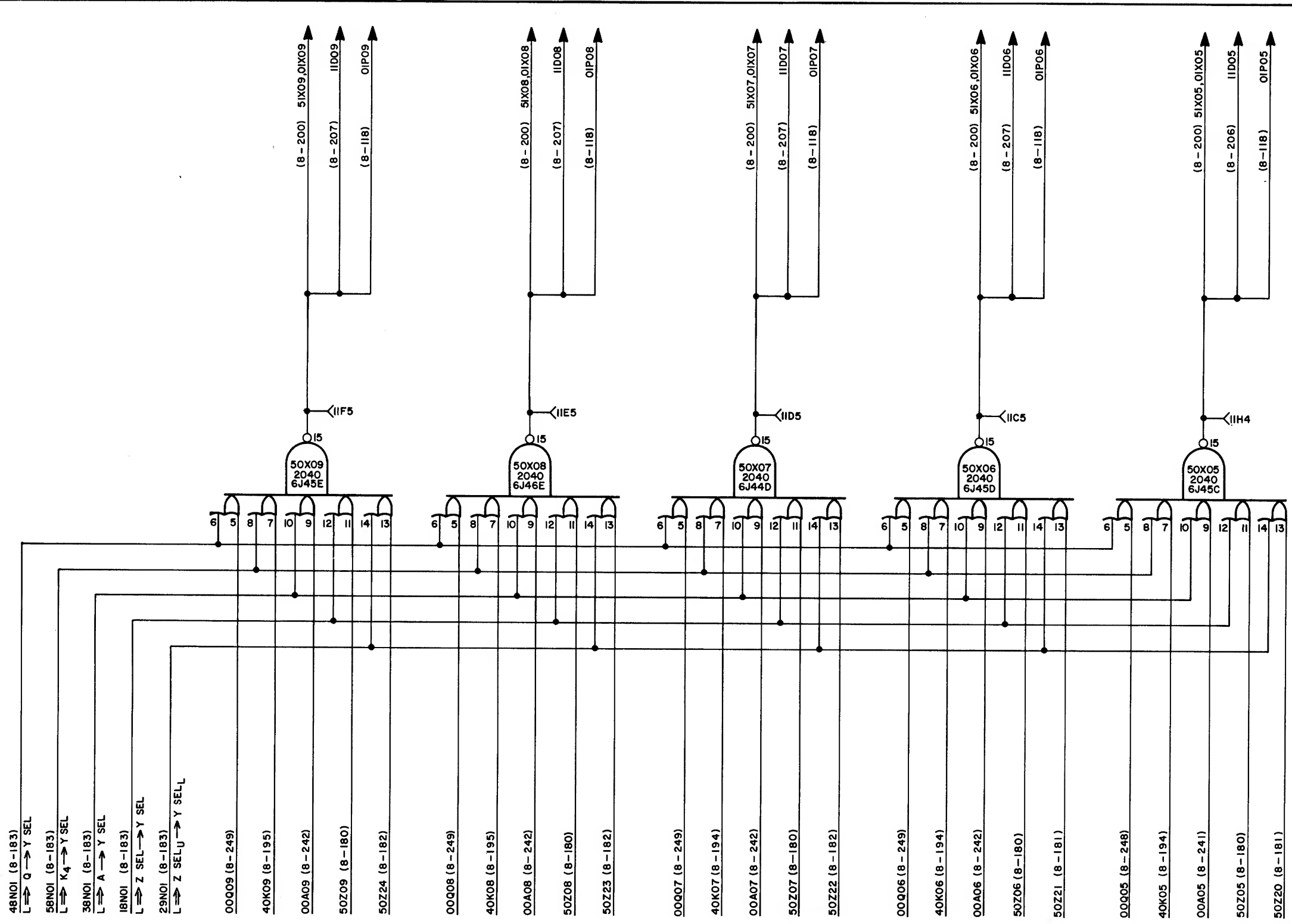


FIGURE 8-183

IDENT NO. 7075235-00

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE SPERRY RAND CORPORATION. IN CONSIDERATION OF THE RECEIPT OF THIS DOCUMENT, THE RECIPIENT AGREES NOT TO REPRODUCE, COPY, USE OR TRANSMIT THIS DOCUMENT AND/OR THE INFORMATION THEREIN CONTAINED, IN WHOLE OR IN PART, OR TO SUFFER SUCH ACTION BY OTHERS, FOR ANY PURPOSE, EXCEPT WITH THE WRITTEN PERMISSION, FIRST OBTAINED, OF SPERRY RAND CORP., AND FURTHER AGREES TO SURRENDER SAME TO SPERRY RAND CORPORATION UPON DEMAND.

UNLESS OTHERWISE SPECIFIED		LAYOUT		DATE		CLASS	
DIMENSION IN INCHES. TOLERANCE ON 2 PLACE DECIMALS		DRAFTSMAN		12-6-66		A	
HOLE DIAMETER TOLERANCE		R. PHERNETTON					
0 THRU .250 +.003		CHECKER		B. POPOV		3-31-67	
.251 THRU .500 +.005		ENGINEER		D. FREE		3-31-67	
.501 & LARGER +.010		APPROVED		[Signature]		3-31-67	
-.002		MATERIAL					
THREADS: EXT. CL. 2A, INT. CL. 2B		FINISH					
NEXT ASSY		EQUIPMENT					
APPLICATION							
COMMODITY CODE							
LIST OF MATERIAL				NOMENCLATURE OR DESCRIPTION			
QTY REQD				FIND REF DES			
CODE IDENT				DWG SIZE			
PART OR IDENTIFYING NO.				NOMENCLATURE OR DESCRIPTION			
UNIVAC				DIVISION OF SPERRY RAND CORPORATION			
TITLE				FUNCTIONAL SCHEMATIC, Y SELECT CONTROL			
CODE IDENT NO.				SIZE			
90536				D			
DWG NO.				7075235			
SCALE				WEIGHT			
SHEET				OF 1			



REVISIONS				
SYM	ZONE	EIR	DESCRIPTION	CHK DATE APPROVED

FIGURE 8-185

IDENT NO. 7032811-00

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UNLESS OTHERWISE SPECIFIED		LAYOUT		DATE		CLASS	
DIMENSION IN INCHES TOLERANCE ON 2 PLACE DECIMALS		3 PLACE DECIMALS		5-19-65		A	
HOLE DIAMETER TOLERANCE		0 THRU .250 +.003 - .002		.251 THRU .500 +.005 - .005		.501 & LARGER +.010 - .005	
THREADS: EXT. CL 2A, INT. CL 2B		MATERIAL		FINISH			
NEXT ASSY		EQUIPMENT		APPLICATION		COMMODITY CODE	
DRAFTSMAN		CHECKER		ENGINEER		APPROVAL	
M. MOSENG		B. POPOV		G. KREGNESS			
CODE IDENT NO.		SIZE		DWG NO.		SHEET OF	
90536		D		7032811			

REVISIONS				
SYM	ZONE	EIR	DESCRIPTION	CHK DATE APPROVED

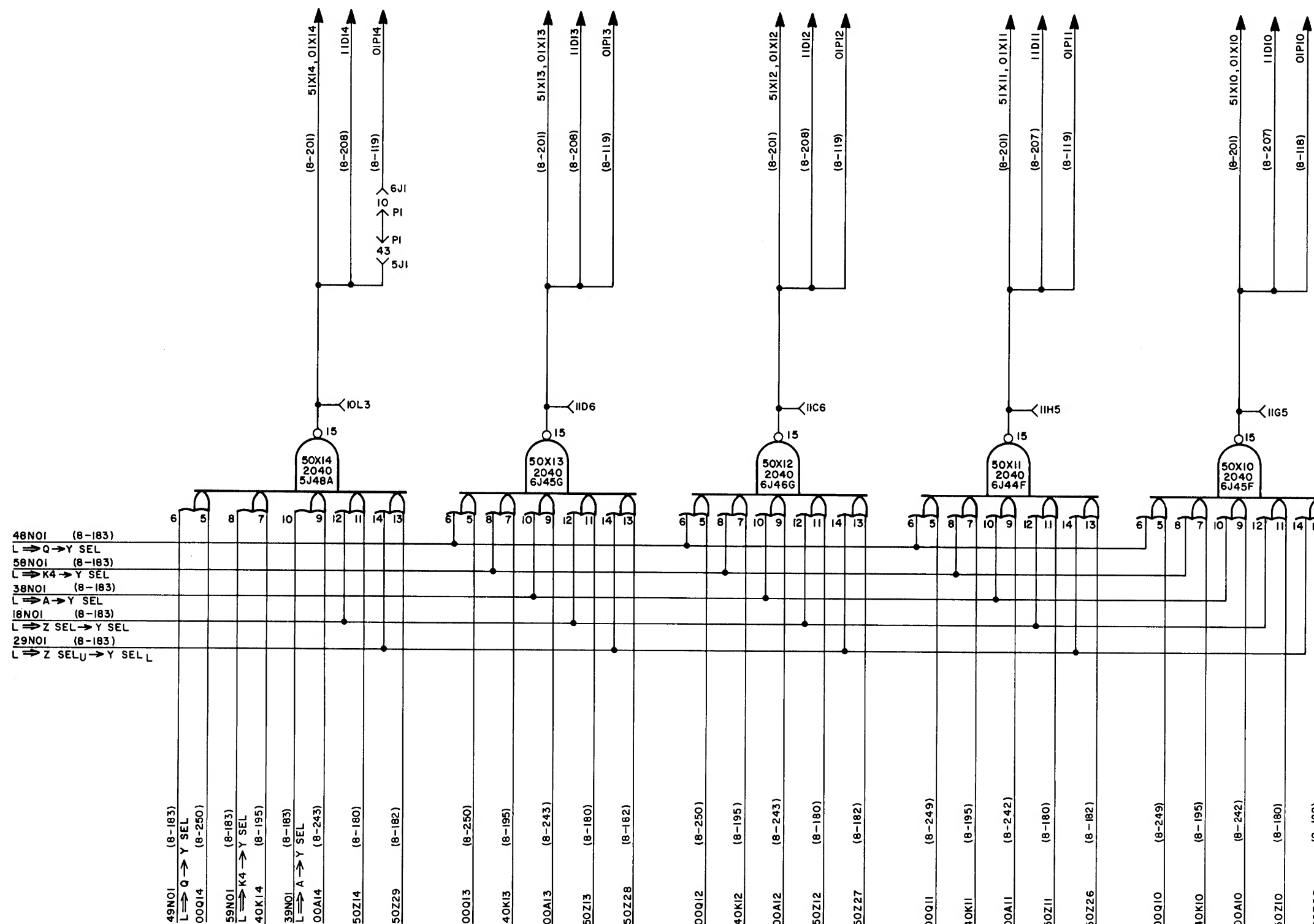
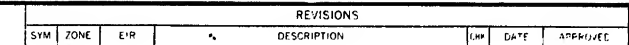


FIGURE 8-186

IDENT NO. 7032812-00

UNLESS OTHERWISE SPECIFIED		LAYOUT		DATE	CLASS	LIST OF MATERIAL	
DIMENSIONS IN PARENTS ARE UNLESS OTHERWISE SPECIFIED		DRAFTSMAN		5-18-65	A	UNIVAC	
DIMENSIONS IN PARENTS ARE UNLESS OTHERWISE SPECIFIED		L. SLETTEN				DIVISION OF BERRY RAND CORPORATION	
DIMENSIONS IN PARENTS ARE UNLESS OTHERWISE SPECIFIED		CHECKER				TITLE	
DIMENSIONS IN PARENTS ARE UNLESS OTHERWISE SPECIFIED		B. POPOV				FUNCTIONAL SCHEMATIC,	
DIMENSIONS IN PARENTS ARE UNLESS OTHERWISE SPECIFIED		ENGINEER				Y SELECT BITS 10-14	
DIMENSIONS IN PARENTS ARE UNLESS OTHERWISE SPECIFIED		G. KREGNESS				CODE IDENT NO.	
DIMENSIONS IN PARENTS ARE UNLESS OTHERWISE SPECIFIED		APPROVAL				SIZE	
DIMENSIONS IN PARENTS ARE UNLESS OTHERWISE SPECIFIED		G. K. Kregness				DWG NO.	
DIMENSIONS IN PARENTS ARE UNLESS OTHERWISE SPECIFIED						90536 D 7032812	
DIMENSIONS IN PARENTS ARE UNLESS OTHERWISE SPECIFIED						SCALE	
DIMENSIONS IN PARENTS ARE UNLESS OTHERWISE SPECIFIED						WEIGHT	
DIMENSIONS IN PARENTS ARE UNLESS OTHERWISE SPECIFIED						SHEET 1 OF 1	



QTY REQD	FIND	REF DES	CODE IDENT	DWG SIZE	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION
LIST OF MATERIAL						

IDENT NO. 7032813-00

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					UNLESS OTHERWISE SPECIFIED
					DIMENSION IN THIS TOLERANCE IS 2 PLACE DECIMALS / 3 PLACE DECIMALS / DECIMALS / ANGLES
					+ .0005 - .0005
					HOLE DIAMETER TOLERANCE
					+ THRU .250 + .015 + .010 + .251 THRU .500 + .015 + .010 +.501 THRU .750 + .015 + .010 +.751 THRU 1.000 + .015 + .010 1.001 THRU 1.250 + .015 + .010 1.251 THRU 1.500 + .015 + .010 1.501 THRU 2.000 + .015 + .010 2.001 THRU 2.500 + .015 + .010 2.501 THRU 3.000 + .015 + .010 3.001 THRU 4.000 + .015 + .010 4.001 THRU 6.000 + .015 + .010 6.001 THRU 8.000 + .015 + .010 8.001 THRU 12.000 + .015 + .010 12.001 THRU 20.000 + .015 + .010 20.001 THRU 30.000 + .015 + .010 30.001 THRU 48.000 + .015 + .010 48.001 THRU 72.000 + .015 + .010 72.001 THRU 120.000 + .015 + .010 120.001 THRU 240.000 + .015 + .010 240.001 THRU 480.000 + .015 + .010 480.001 THRU 960.000 + .015 + .010 960.001 THRU 1920.000 + .015 + .010 1920.001 THRU 3840.000 + .015 + .010 3840.001 THRU 7680.000 + .015 + .010 7680.001 THRU 15360.000 + .015 + .010 15360.001 THRU 30720.000 + .015 + .010 30720.001 THRU 61440.000 + .015 + .010 61440.001 THRU 122880.000 + .015 + .010 122880.001 THRU 245760.000 + .015 + .010 245760.001 THRU 491520.000 + .015 + .010 491520.001 THRU 983040.000 + .015 + .010 983040.001 THRU 1966080.000 + .015 + .010 1966080.001 THRU 3932160.000 + .015 + .010 3932160.001 THRU 7864320.000 + .015 + .010 7864320.001 THRU 15728640.000 + .015 + .010 15728640.001 THRU 31457280.000 + .015 + .010 31457280.001 THRU 62914560.000 + .015 + .010 62914560.001 THRU 125829120.000 + .015 + .010 125829120.001 THRU 251658240.000 + .015 + .010 251658240.001 THRU 503316480.000 + .015 + .010 503316480.001 THRU 1006632960.000 + .015 + .010 1006632960.001 THRU 2013265920.000 + .015 + .010 2013265920.001 THRU 4026531840.000 + .015 + .010 4026531840.001 THRU 8053063680.000 + .015 + .010 8053063680.001 THRU 16106127360.000 + .015 + .010 16106127360.001 THRU 32212254720.000 + .015 + .010 32212254720.001 THRU 64424509440.000 + .015 + .010 64424509440.001 THRU 128849018880.000 + .015 + .010 128849018880.001 THRU 257698037760.000 + .015 + .010 257698037760.001 THRU 515396075520.000 + .015 + .010 515396075520.001 THRU 1030792151040.000 + .015 + .010 1030792151040.001 THRU 2061584302080.000 + .015 + .010 2061584302080.001 THRU 4123168604160.000 + .015 + .010 4123168604160.001 THRU 8246337208320.000 + .015 + .010 8246337208320.001 THRU 16492674416640.000 + .015 + .010 16492674416640.001 THRU 32985348833280.000 + .015 + .010 32985348833280.001 THRU 65970697666560.000 + .015 + .010 65970697666560.001 THRU 131941395333120.000 + .015 + .010 131941395333120.001 THRU 263882790666240.000 + .015 + .010 263882790666240.001 THRU 527765581332480.000 + .015 + .010 527765581332480.001 THRU 1055531162664960.000 + .015 + .010 1055531162664960.001 THRU 2111062325329920.000 + .015 + .010 2111062325329920.001 THRU 4222124650659840.000 + .015 + .010 4222124650659840.001 THRU 8444249301319680.000 + .015 + .010 8444249301319680.001 THRU 16888498602639360.000 + .015 + .010 16888498602639360.001 THRU 33776997205278720.000 + .015 + .010 33776997205278720.001 THRU 67553994410557440.000 + .015 + .010 67553994410557440.001 THRU 135107988821114880.000 + .015 + .010 135107988821114880.001 THRU 270215977642229760.000 + .015 + .010 270215977642229760.001 THRU 540431955284459520.000 + .015 + .010 540431955284459520.001 THRU 1080863910568919040.000 + .015 + .010 1080863910568919040.001 THRU 2161727821137838080.000 + .015 + .010 2161727821137838080.001 THRU 4323455642275676160.000 + .015 + .010 4323455642275676160.001 THRU 8646911284551352320.000 + .015 + .010 8646911284551352320.001 THRU 17293822569102704640.000 + .015 + .010 17293822569102704640.001 THRU 34587645138205409280.000 + .015 + .010 34587645138205409280.001 THRU 69175290276410818560.000 + .015 + .010 69175290276410818560.001 THRU 138350580552821637120.000 + .015 + .010 138350580552821637120.001 THRU 276701161105643274240.000 + .015 + .010 276701161105643274240.001 THRU 553402322211286548480.000 + .015 + .010 553402322211286548480.001 THRU 1106804644422573096960.000 + .015 + .010 1106804644422573096960.001 THRU 2213609288845146193920.000 + .015 + .010 2213609288845146193920.001 THRU 4427218577690292387840.000 + .015 + .010 4427218577690292387840.001 THRU 8854437155380584775680.000 + .015 + .010 8854437155380584775680.001 THRU 17708874310761169551360.000 + .015 + .010 17708874310761169551360.001 THRU 35417748621522339102720.000 + .015 + .010 35417748621522339102720.001 THRU 70835497243044678205440.000 + .015 + .010 70835497243044678205440.001 THRU 141670994486089356410

REVISIONS				
SYM	ZONE	EIR	DESCRIPTION	DATE

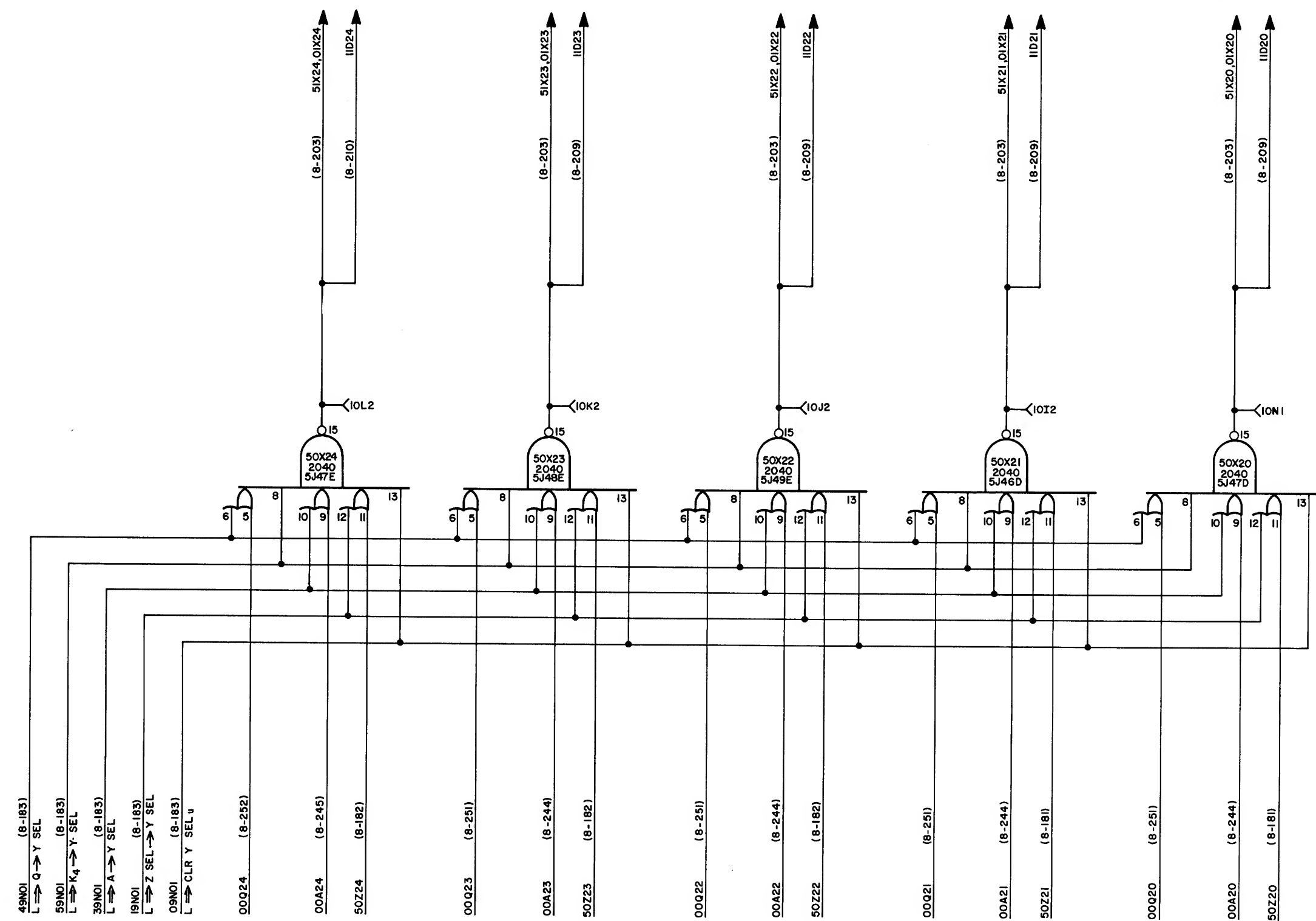
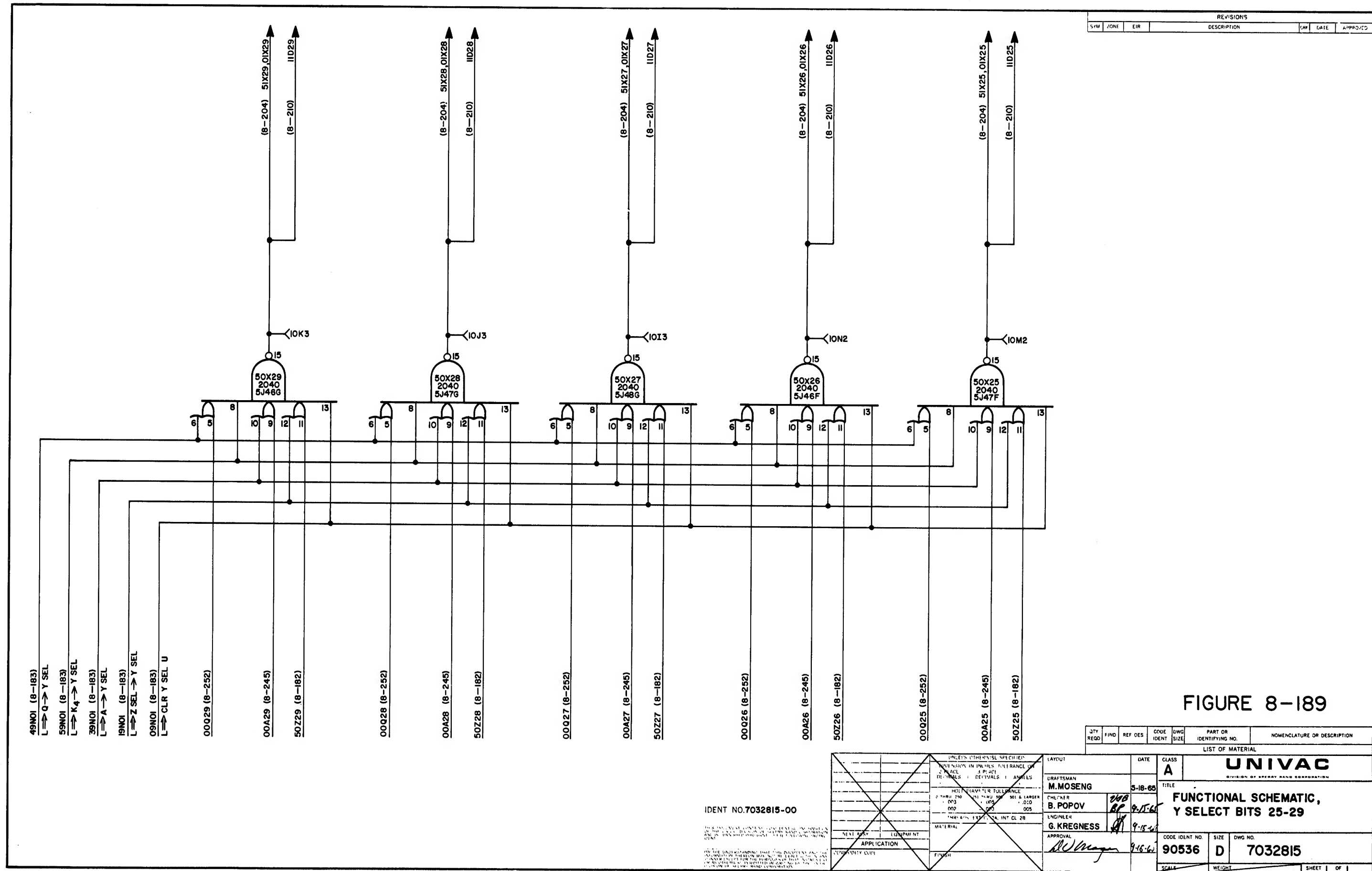


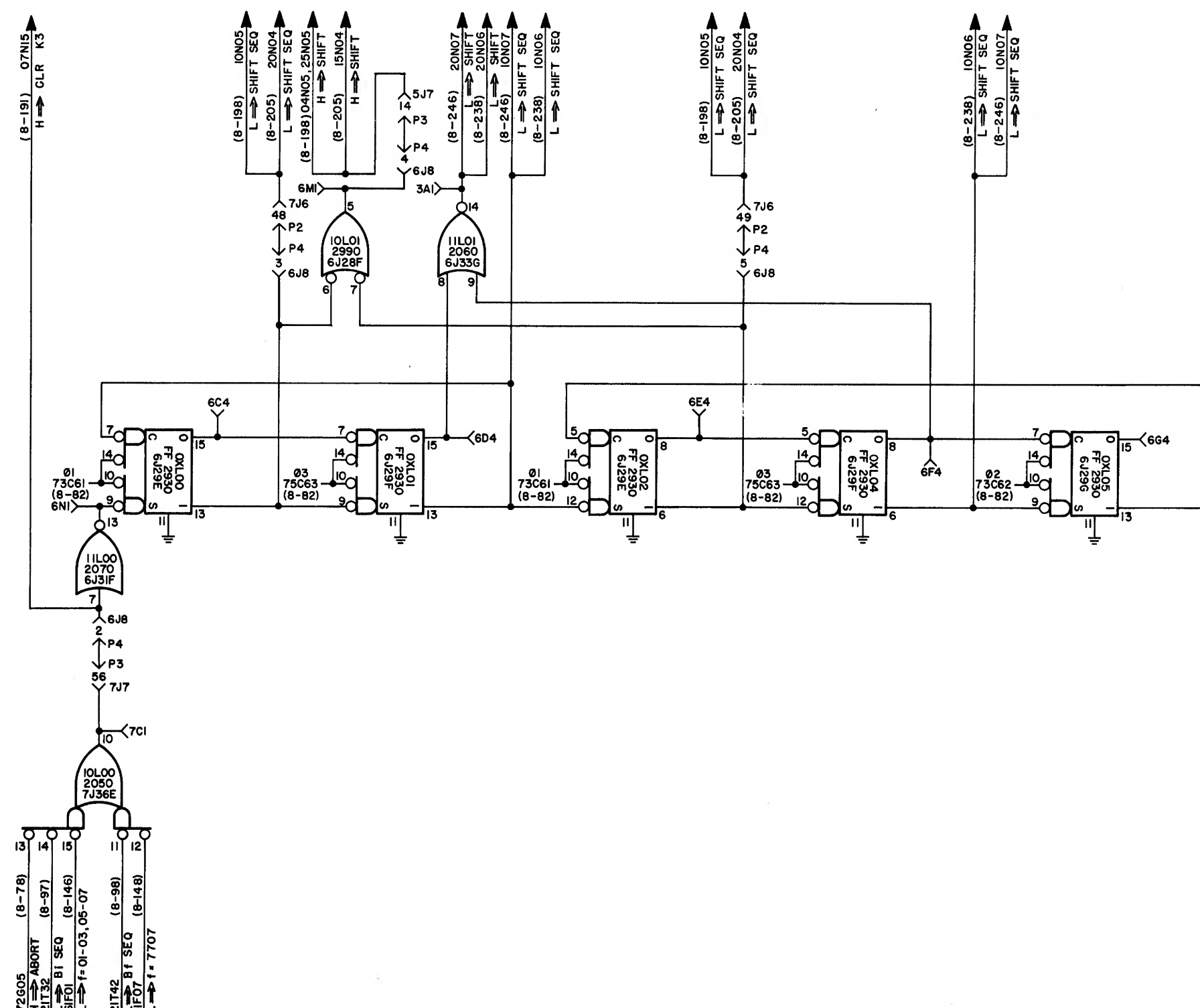
FIGURE 8-188

QTY REQD	FIND	REF DES	CODE IDENT	DWG SIZE	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION
LIST OF MATERIAL						
UNLESS OTHERWISE SPECIFIED			LAYOUT			
DIMENSION IN INCHES. TOLERANCE ON 2 PLACE DECIMALS : DECIMALS : ANGLES			DATE 5-18-65			
HOLE DIAMETER TOLERANCE 0 THRU .250 : .003 : .005 : .010 .250 & LARGER : .003 : .005			CLASS A			
THREADS EXCEPT AS NOTED			DRAFTSMAN M. MOSENG			
FINISH			CHECKER B. POPOV			
APPLICATION			ENGINEER G. KREGNESS			
EQUIPMENT			APPROVAL <i>[Signature]</i>			
TITLE			FUNCTIONAL SCHEMATIC, Y SELECT BITS 20-24			
CODE IDENT NO.			SIZE		DWG NO.	
90536			D		7032814	
SCALE			WEIGHT		SHEET OF	

IDENT NO. 7032814-00

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REVISIONS				
SYM	ZONE	EIR	DESCRIPTION	CHK DATE APPROVED

FIGURE 8-190

IDENT NO. 7032846-00

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QTY REQD	FIND	REF DES	CODE IDENT	DWG SIZE	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION
LIST OF MATERIAL						
UNLESS OTHERWISE SPECIFIED			LAYOUT			
DIMENSION IN INCHES. TOLERANCE ON 2 PLACE DECIMALS			DRAFTSMAN			
HOLE DIAMETER TOLERANCE			M. MOSENG			
THREADS: EXT. CL. 2A, INT. CL. 2B			CHECKER			
FINISH			B. POPOV			
NEXT ASSY			ENGINEER			
EQUIPMENT			G. KREGNESS			
APPLICATION			APPROVAL			
COMMODITY CODE			DATE			
			CLASS			
			A			
			TITLE			
			FUNCTIONAL SCHEMATIC, SHIFT SEQUENCE			
			CODE IDENT NO.			
			90536			
			SIZE			
			D			
			DWG NO.			
			7032846			
			SCALE			
			WEIGHT			
			SHEET			
			OF			

QTY REQD	FIND	REF DES	CODE IDENT	DWG SIZE	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION
LIST OF MATERIAL						
N ER		DATE	CLASS A	UNIVAC DIVISION OF SPERRY RAND CORPORATION		
		5-1-65	TITLE	FUNCTIONAL SCHEMATIC, K3 & K4 CONTROL		
IV	70B R.P. 4-15-65					
AGNESS	X 4-15-65					
Kluger 4-15-65			CODE IDENT NO.	SIZE	DWG NO.	
			90536	D	7032717	
			PRICE	WEIGHT		SHEET OF

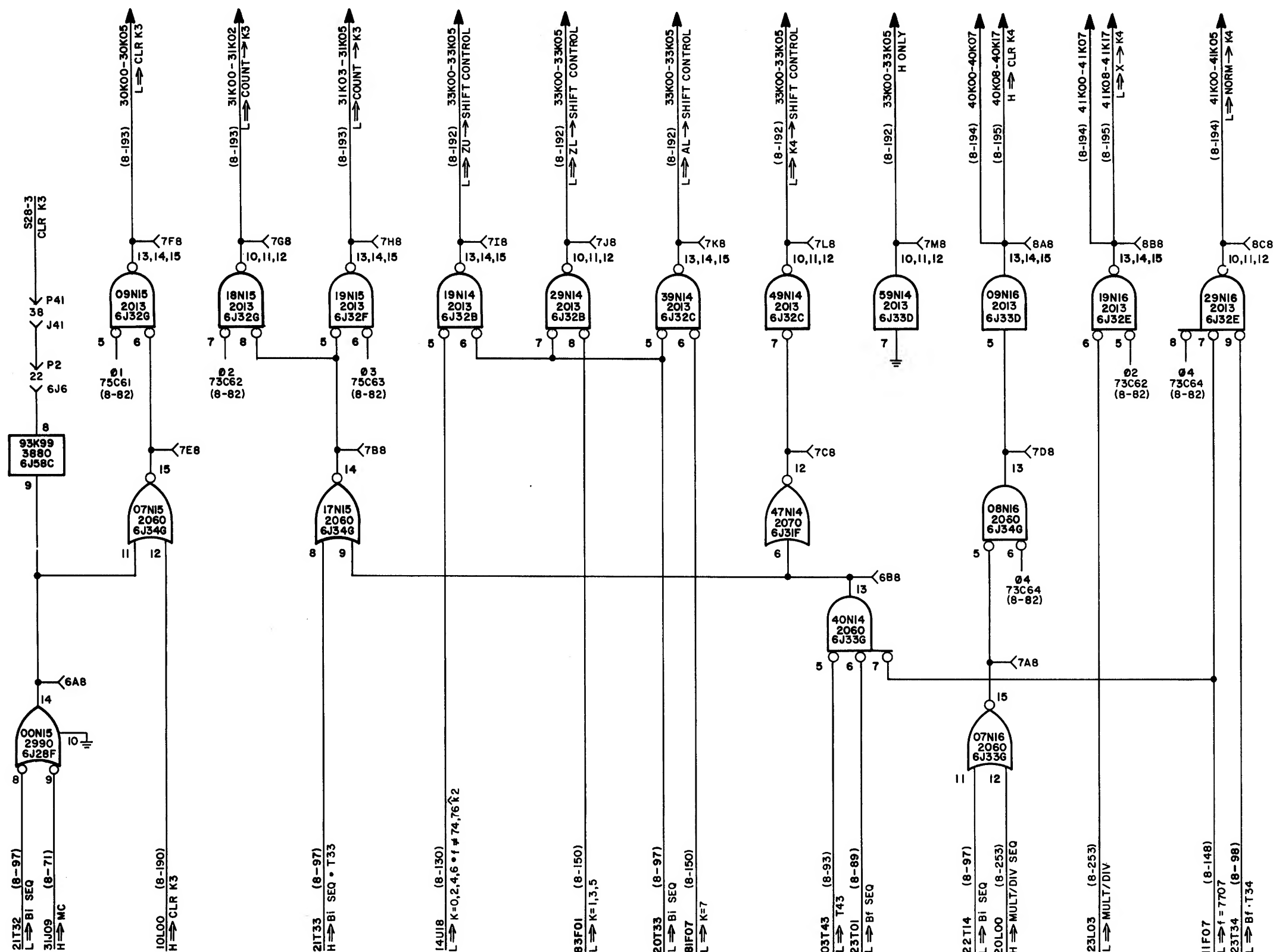
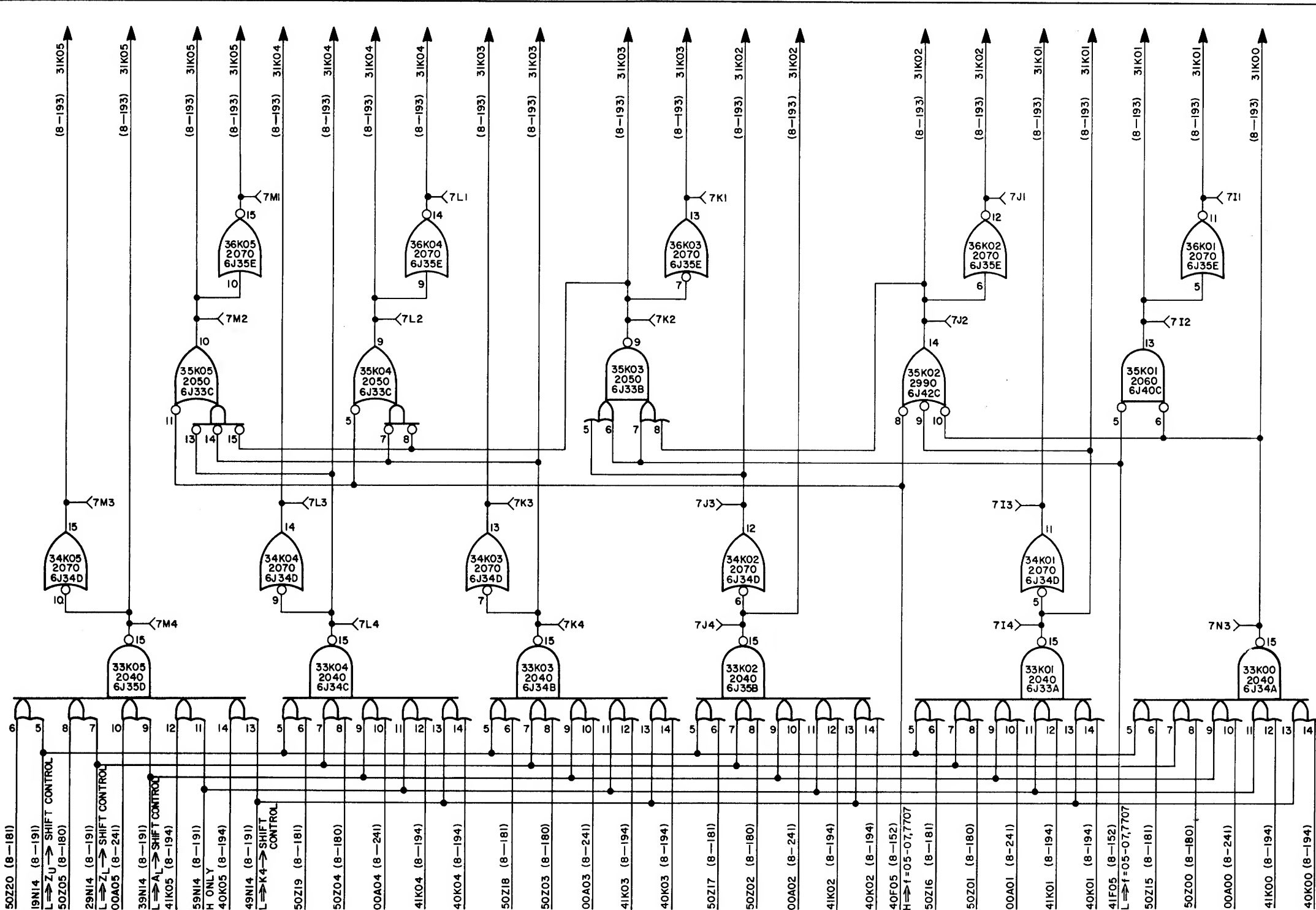


FIGURE 8-191

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OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION
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<div style="border: 1px solid black; width: 100px; height: 100px; margin: 0 auto; text-align: center; line-height: 100px;"> </div>		UNLESS OTHERWISE SPECIFIED		DRAWING NO.		REV.	
		DIMENSION IN INCHES. TOLERANCE ON 2 PLACE DECIMALS		DATE		CLASS	
		3 PLACE DECIMALS		5-1-65		A	
		ANGLES					
HOLD DIAMETER TOLERANCE		DRAFTSMAN		TITLE		UNIVAC	
0 THRU .250 ± .003		J. KETTER		FUNCTIONAL SCHEMATIC,		DIVISION OF SPERRY RAND CORPORATION	
.251 THRU .500 ± .005		CHECKER		K3 & K4 CONTROL			
.501 &ARGER ± .010		B. POPOV					
- .002 - .003 - .005		ENGINEER					
THREADS: EXT. CL. 2A, INT. CL. 2B		G. KREGNESS					
MATERIAL		APPROVAL		CODE IDENT. NO.		SIZE	
NEXT ASSY		DU Kregness 4-18-65		90536		D	
EQUIPMENT				DWG. NO.		7032717	
APPLICATION				WEIGHT		SHEET	
COMMODITY CODE						OF	
FINISH							



REVISIONS				
SYM	ZONE	EIR	DESCRIPTION	CHK DATE APPROVED

FIGURE 8-192

IDENT NO. 7032840-00

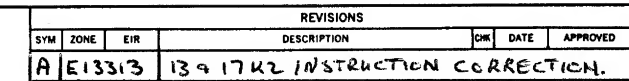
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UNLESS OTHERWISE SPECIFIED		DATE		CLASS	
DIMENSION IN INCHES. TOLERANCE ON 2 PLACE DECIMALS		5-24-65		A	
HOLD DIAMETER TOLERANCE		TITLE			
0 THRU .250 ±.003		FUNCTIONAL SCHEMATIC, SHIFT CONTROL MATRIX			
.251 THRU .500 ±.005		CODE IDENT NO. 90536			
.501 & LARGER ±.010		SIZE D			
THREADS: EXT. CL 2A, INT. CL 2B		DWG NO. 7032840			
FINISH		SCALE			
NEXT ASSY		WEIGHT			
EQUIPMENT		SHEET 1 OF 1			
APPLICATION					
COMMODITY CODE					

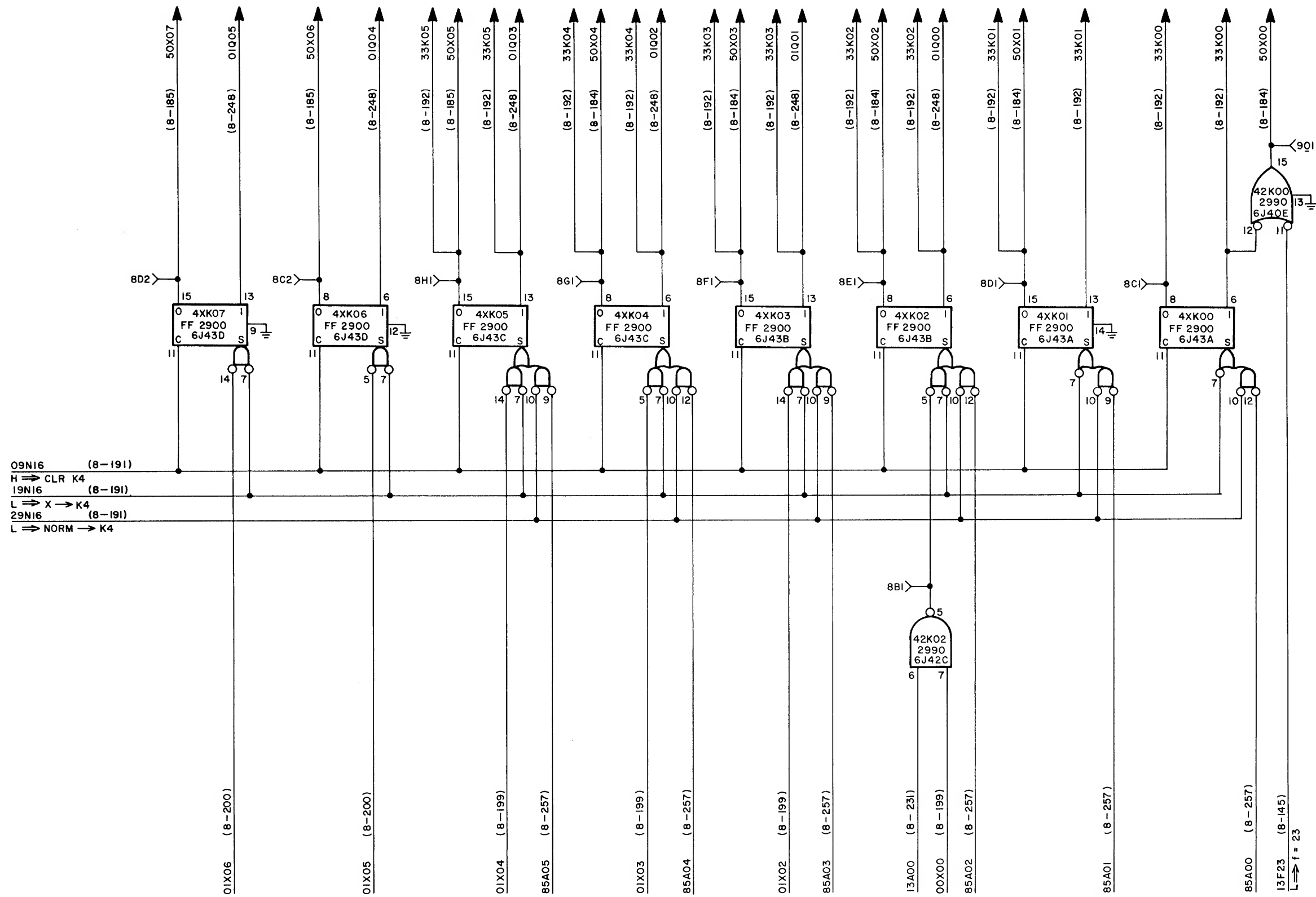
QTY REQD	FIND	REF DES	CODE IDENT	DWG SIZE	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION

LIST OF MATERIAL	
UNIVAC	
DIVISION OF SPERRY RAND CORPORATION	
CHECKER	B. POPOV
ENGINEER	G. KREGNESS
APPROVAL	<i>[Signature]</i>



QTY REQD	FIND	REF DES	CODE IDENT	DWG SIZE	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION
LIST OF MATERIAL						
DATE		CLASS A	UNIVAC <small>DIVISION OF SPERRY RAND CORPORATION</small>			
BECKMAN		5-18-65	TITLE			
R POV		AP 9-15-65	FUNCTIONAL SCHEMATIC,			
R EGNESS		9-15-65	SHIFT CONTROL REGISTER			
AL Wagner		9-15-65	CODE IDENT NO.	SIZE	DWG NO.	
			90536	D	7032841	
SCALE			WEIGHT		SHEET OF	

REVISIONS					
SYM	ZONE	EIR	DESCRIPTION	CHK	DATE
A		77402	SEE EIR		4-4-66



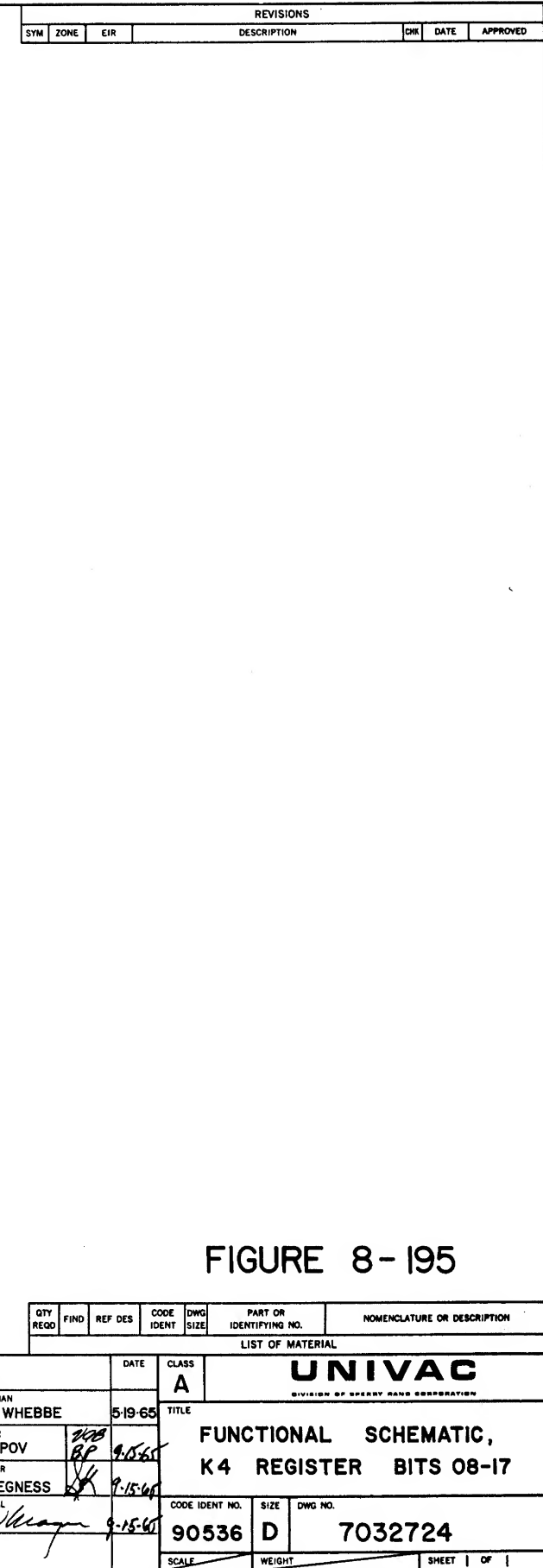
09N16 (8-191)
H ⇒ CLR K4
19N16 (8-191)
L ⇒ X → K4
29N16 (8-191)
L ⇒ NORM → K4

FIGURE 8-194

IDENT NO. 7032723-00

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UNLESS OTHERWISE SPECIFIED		LAYOUT		DATE		CLASS	
DIMENSION IN INCHES. TOLERANCE ON 2 PLACE DECIMALS 3 PLACE DECIMALS ANGLES		DRAFTSMAN		5-19-65		A	
HOLE DIAMETER TOLERANCE 0 THRU .250 +.003 -.002 .251 THRU .500 +.005 -.005 .501 & LARGER +.010 -.005		G.S. WHEBBE		CHECKER		B.P. 8-15-65	
THREADS: EXT. CL. 2A, INT. CL. 2B		B. POPOV		ENGINEER		G. KREGNESS	
MATERIAL		APPROVAL		8-15-65		8-15-65	
FINISH		COMMODITY CODE		APPLICATION		EQUIPMENT	
NEXT ASSY		COMMODITY CODE		APPLICATION		EQUIPMENT	
TITLE		CODE IDENT NO.		SIZE		DWG NO.	
FUNCTIONAL SCHEMATIC, K4 REGISTER BITS 00-07		90536		D		7032723	
SCALE		WEIGHT		SHEET		OF	



IDENT NO. 7032724-00

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[illegible]

REVISIONS					
SYM	ZONE	EIR	DESCRIPTION	DATE	APPROVED
A		71694	SEE EIR	10-28-65	

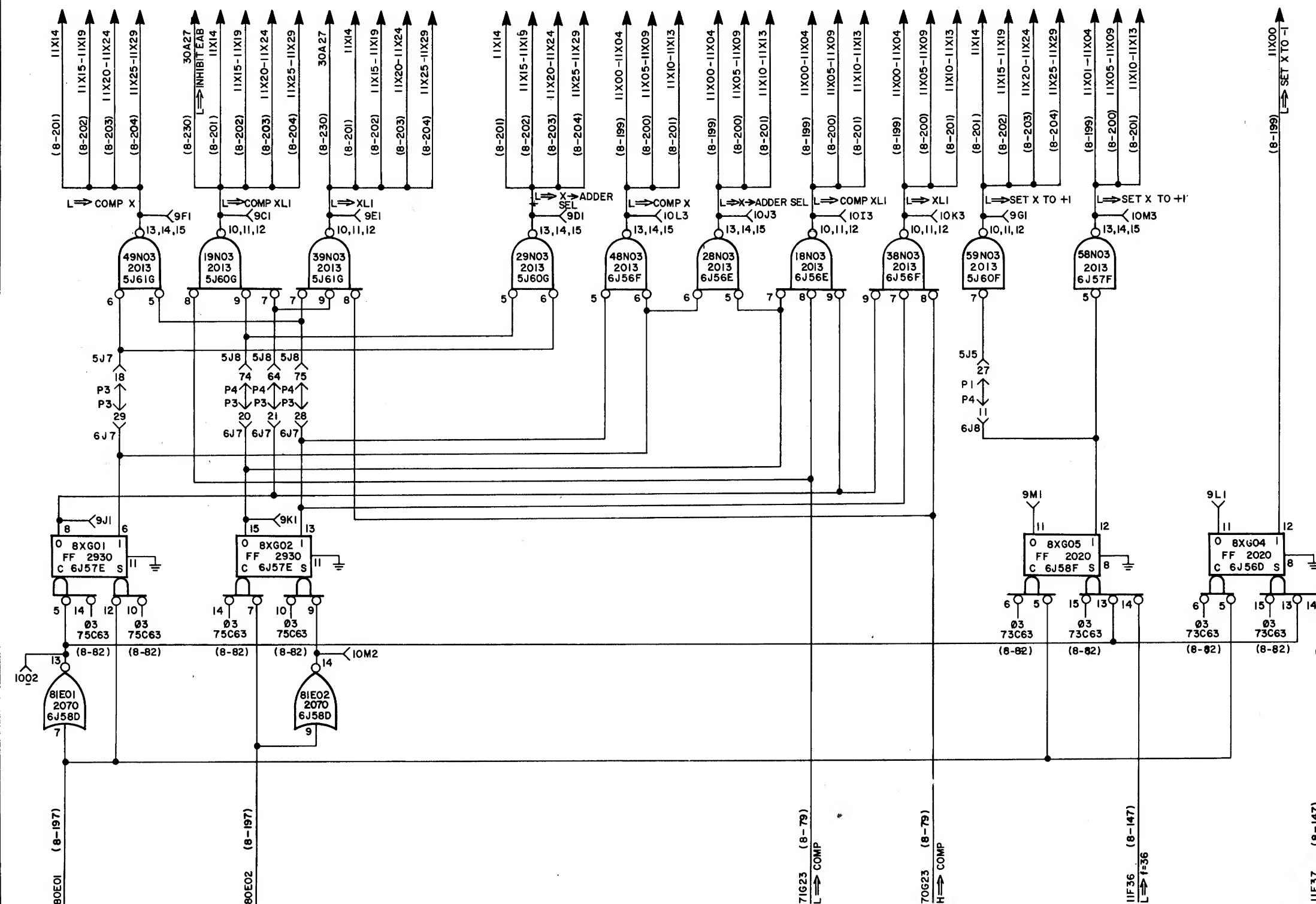


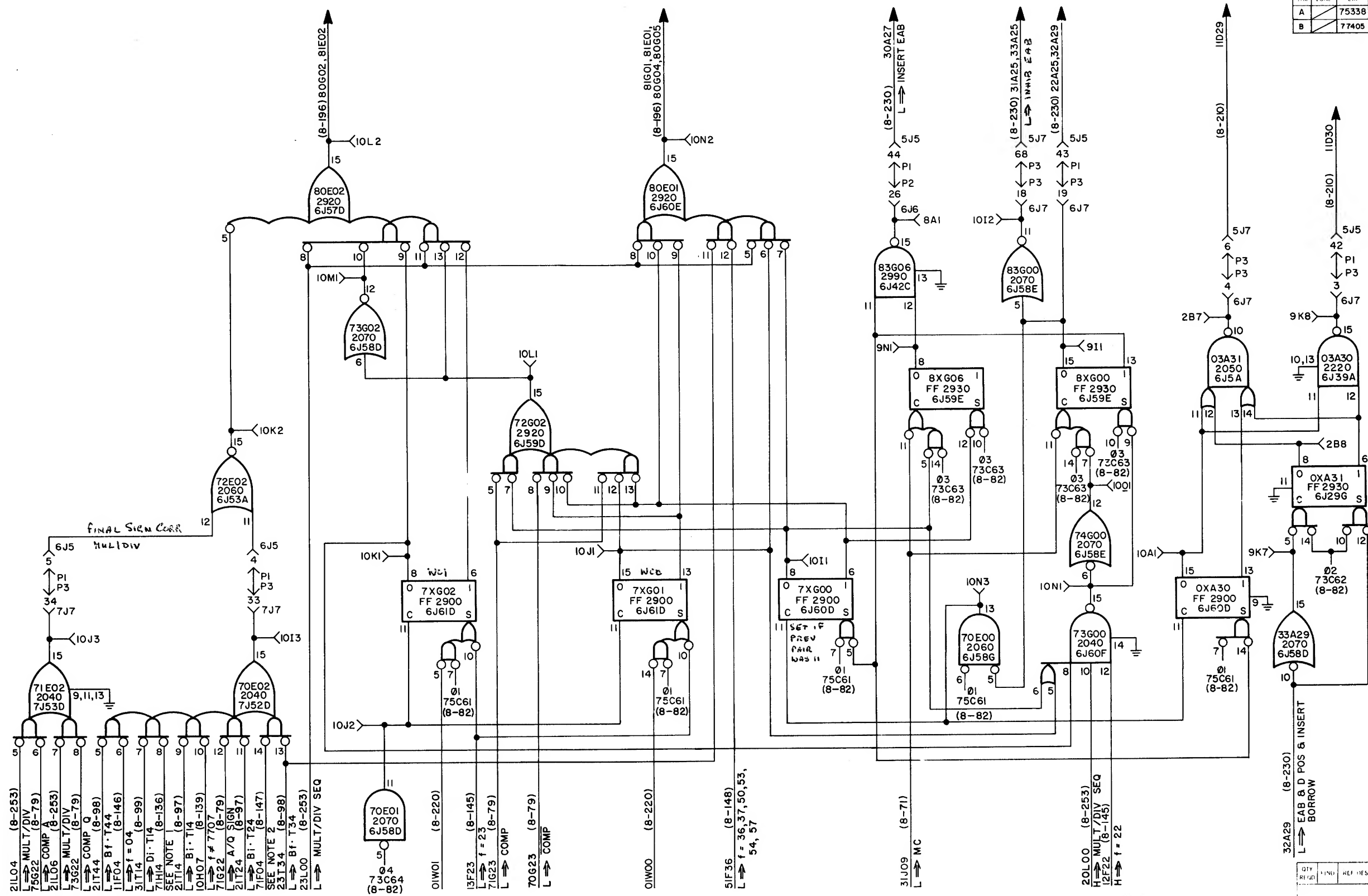
FIGURE 8-196

IDENT NO. 7032855-00

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UNLESS OTHERWISE SPECIFIED		LAYOUT		DATE	CLASS	UNIVAC	
DIMENSION IN INCHES TOLERANCE ON 2 PLACE DECIMALS		R. R. PFUTZENREUTER		8-19-65	A	DIVISION OF SPERRY RAND CORPORATION	
HOLE DIAMETER TOLERANCE		CHECKER				TITLE	
0 THRU .250 +.003		B. POPOV				FUNCTIONAL SCHEMATIC, ADDER SELECTOR CONTROL I	
.251 THRU .500 +.005		ENGINEER				CODE IDENT NO.	
.501 & LARGER +.010		G. KREGNESS				SIZE	
THREADS: EXT. CL. 2A, INT. CL. 2B		APPROVAL				DWG NO.	
MATERIAL		SIGNATURE				90536 D 7032855	
FINISH						SCALE	
NEXT ASSY						WEIGHT	
APPLICATION						SHEET 1 OF 1	
COMMODITY CODE							

REVISIONS				
SYN	ZONE	EIR	DESCRIPTION	CHK DATE APPROVED
A		75338	SEE EIR	BP 11-9-65
B		77405	SEE EIR	BN 4-25-66

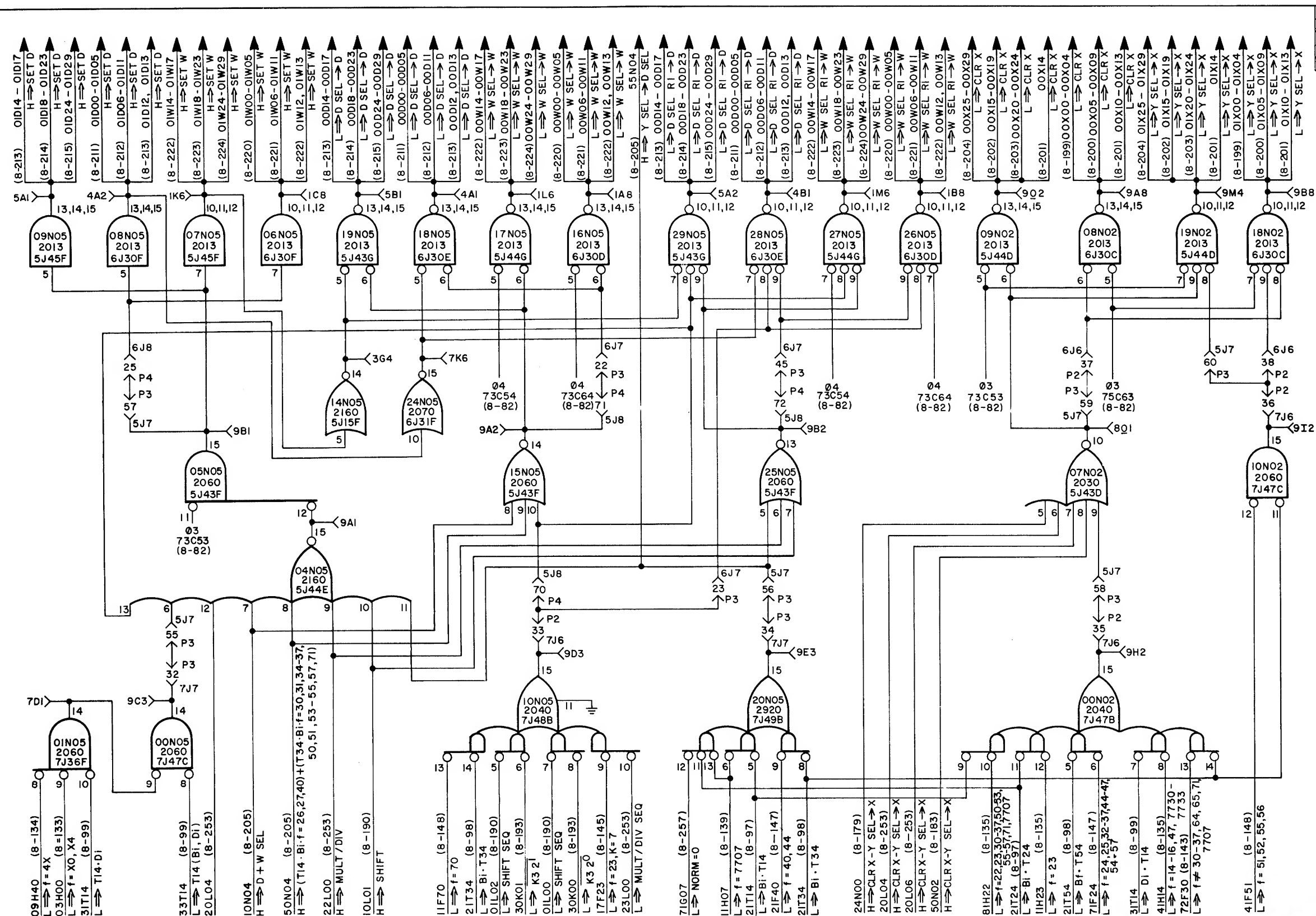


NOTE:
 1. L = f(14-16,47)(K=5-7),14K0,15K4
 2. L = f=04,21,25,27,31,33,35,42,43,46,
 51,52,55,56

FIGURE 8-197

Doc No. 7032856-00

QTY	REV	REF	DES	CODE	IDENT	SIZE	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION
LIST OF MATERIAL								
CLASS		UNIVAC						
A		DIVISION OF RESEARCH AND DEVELOPMENT						
TITLE		FUNCTIONAL SCHEMATIC, ADDER SELECTOR CONTROL 2						
CHIEF IDENT NO.		SIZE		DWG NO.				
90536		D		7032856				
SCALE		WIGHT		SHEET 1 OF 1				



REVISIONS						
SYM	ZONE	EIR	DESCRIPTION	CHK	DATE	APPROVED
A		71694	SEE EIR		10-28-65	
B		69663	SEE EIR		10-30-66	
C		77402	SEE EIR		1-4-66	

QTY REQD	FIND	REF DES	CODE IDENT	DWG SIZE	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION

LIST OF MATERIAL	
CLASS	TITLE
A	FUNCTIONAL SCHEMATIC, W,X,D REGISTERS CONTROL

DATE	CLASS	TITLE
5-26-65	A	FUNCTIONAL SCHEMATIC, W,X,D REGISTERS CONTROL

CODE IDENT NO.	SIZE	DWG NO.
90536	D	7032719

SCALE	WEIGHT	SHEET	OF

UNIVAC	
DIVISION OF SPERRY RAND CORPORATION	
DRAFTSMAN	M.M. DROBINSKI
CHECKER	B. POPOV
ENGINEER	G. KREGNESS
APPROVAL	

COMMODITY CODE	FINISH

IDENT NO.	7032719-00

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ON THE UNDERSTANDING THAT THIS DOCUMENT AND THE INFORMATION THEREON MAY NOT BE DEALT WITH IN ANY MANNER EXCEPT FOR THE PURPOSES OF THAT INSTRUMENT OR AS OTHERWISE PERMITTED IN WRITING BY THE UNIVAC DIVISION OF SPERRY RAND CORPORATION	

FIGURE 8-198



IDENT NO. 7032770-00

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION AND IS FURNISHED PURSUANT TO THE FOLLOWING INSTRUMENT:

ON THE UNDERSTANDING THAT THIS DOCUMENT AND THE INFORMATION THEREIN MAY NOT BE DEALT WITH IN AN UNMANNER EXCEPT FOR THE PURPOSES OF THAT INSTRUMENT OR AS OTHERWISE PERMITTED IN WRITING BY THE UNIVAC DIVISION OF SPERRY RAND CORPORATION

<div>ON To NY RI AC</div>	<div>UNLESS OTHERWISE SPECIFIED</div>			LAYOUT	DATE	CLASS	<div>UNIVAC</div> <div>DIVISION OF SPERRY RAND CORPORATION</div>		
	<div>DIMENSION IN INCHES, TOLERANCE ON 2 PLACE DECIMALS</div>			<div>DRAFTSMAN</div> <div>R. NEWMAN</div>	<div>3-20-65</div>	<div>TITLE</div> <div>FUNCTIONAL SCHEMATIC, Q REGISTER BITS 00-05</div>			
	<div>3 PLACE DECIMALS</div>								
	<div>HOLE DIAMETER TOLERANCE</div>			<div>CHECKER</div> <div>B. POPOV</div>	<div>3-22-65</div>				
	<div>0 THRU .250 + .003</div> <div>.251 THRU .500 + .005</div> <div>.501 & LARGER + .010</div>			<div>ENGINEER</div> <div>G. KREGNESS</div>	<div>4-15-65</div>				
	<div>THREADS: EXT CL 2A, INT CL 2B</div>			<div>APPROVAL</div> <div><i>[Signature]</i></div>	<div>4-15-65</div>				
	<div>MATERIAL</div>			<div>CODE IDENT NO.</div> <div>90536</div>	<div>SIZE</div> <div>D</div>	<div>DWG NO.</div> <div>7032770</div>			
	<div>FINISH</div>			<div>SCALE</div>	<div>WEIGHT</div>		<div>SHEET 1 OF 1</div>		
	<div>NEXT ASSY EQUIPMENT APPLICATION</div>								
	<div>COMMUNITY CODE</div>								

REVISIONS				
SYM	ZONE	EIR	DESCRIPTION	CHK DATE APPROVED
A		71696	SEE EIR	6/15/65

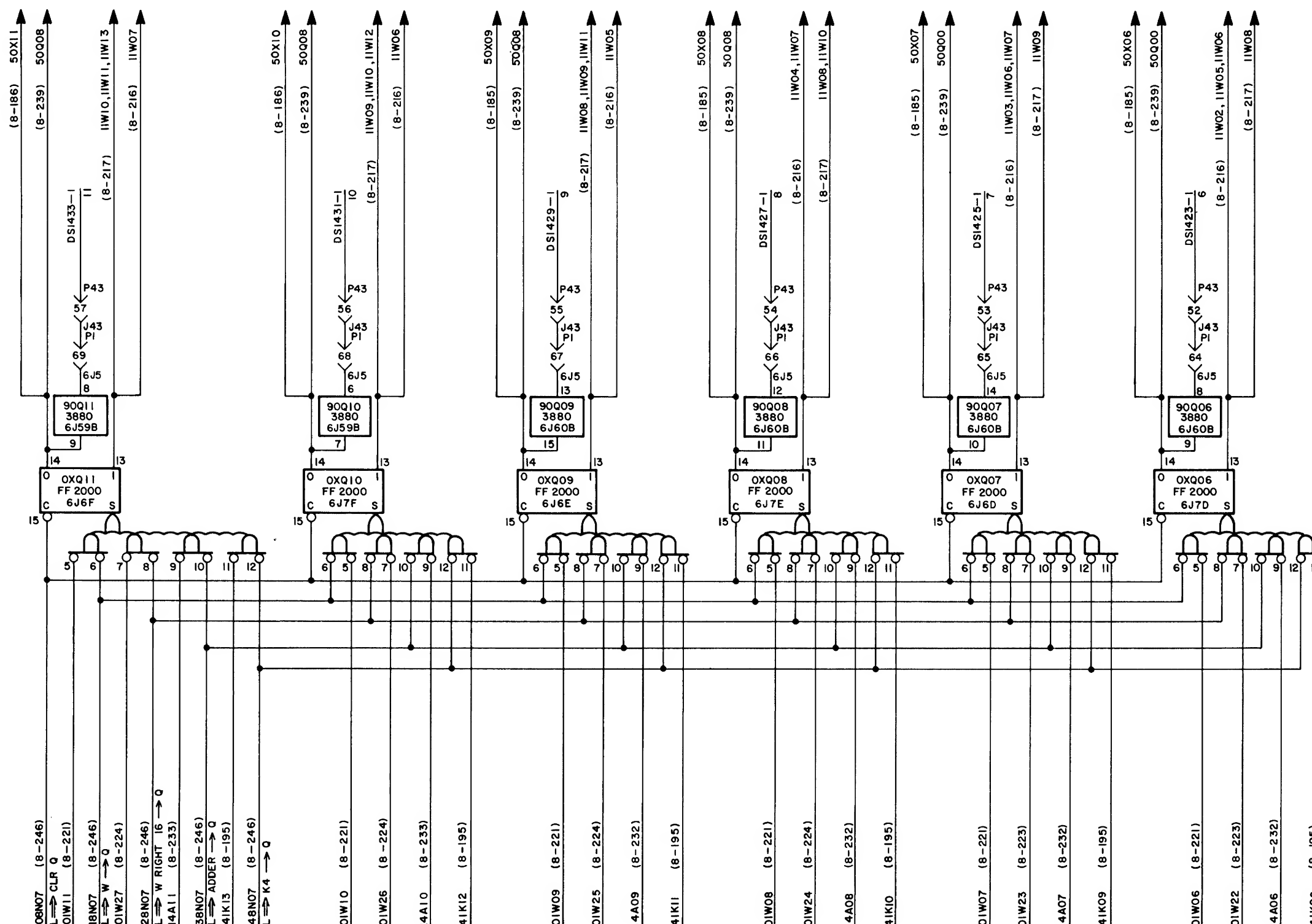


FIGURE 8-249

IDENT NO. 7032771-00

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION AND IS FURNISHED PURSUANT TO THE FOLLOWING INSTRUMENT:

ON THE UNDERSTANDING THAT THIS DOCUMENT AND THE INFORMATION THEREON MAY NOT BE DEALT WITH IN ANY MANNER EXCEPT FOR THE PURPOSES OF THAT INSTRUMENT OR AS OTHERWISE PERMITTED IN WRITING BY THE UNIVAC DIVISION OF SPERRY RAND CORPORATION

UNLESS OTHERWISE SPECIFIED		LAYOUT		DATE	CLASS	
DIMENSION IN INCHES TOLERANCE ON		DRAFTSMAN		3-20-65	TITLE	
2 PLACE DECIMALS		R. NEWMAN		3-22-65		
3 PLACE DECIMALS		CHECKER				
HOLE DIAMETER TOLERANCE		B. POPOV			ENGINEER	
0 THRU .250		G. KREGNESS		4-15-65		
.251 THRU .500		APPROVAL				
.501 & LARGER					CODE IDENT NO.	
+ .003						SIZE
+ .005						
+ .010					DWG NO.	
- .002						90536
- .005						
- .010					7032771	
THREADS EXCEPT AS INT CL 2B						SCALE
MATERIAL						
FINISH					SHEET 1 OF 1	
NEXT ASST						
EQUIPMENT						
APPLICATION						
COMMODITY CODE						

REVISIONS				
REV	DATE	DESCRIPTION	CHK	APP'D

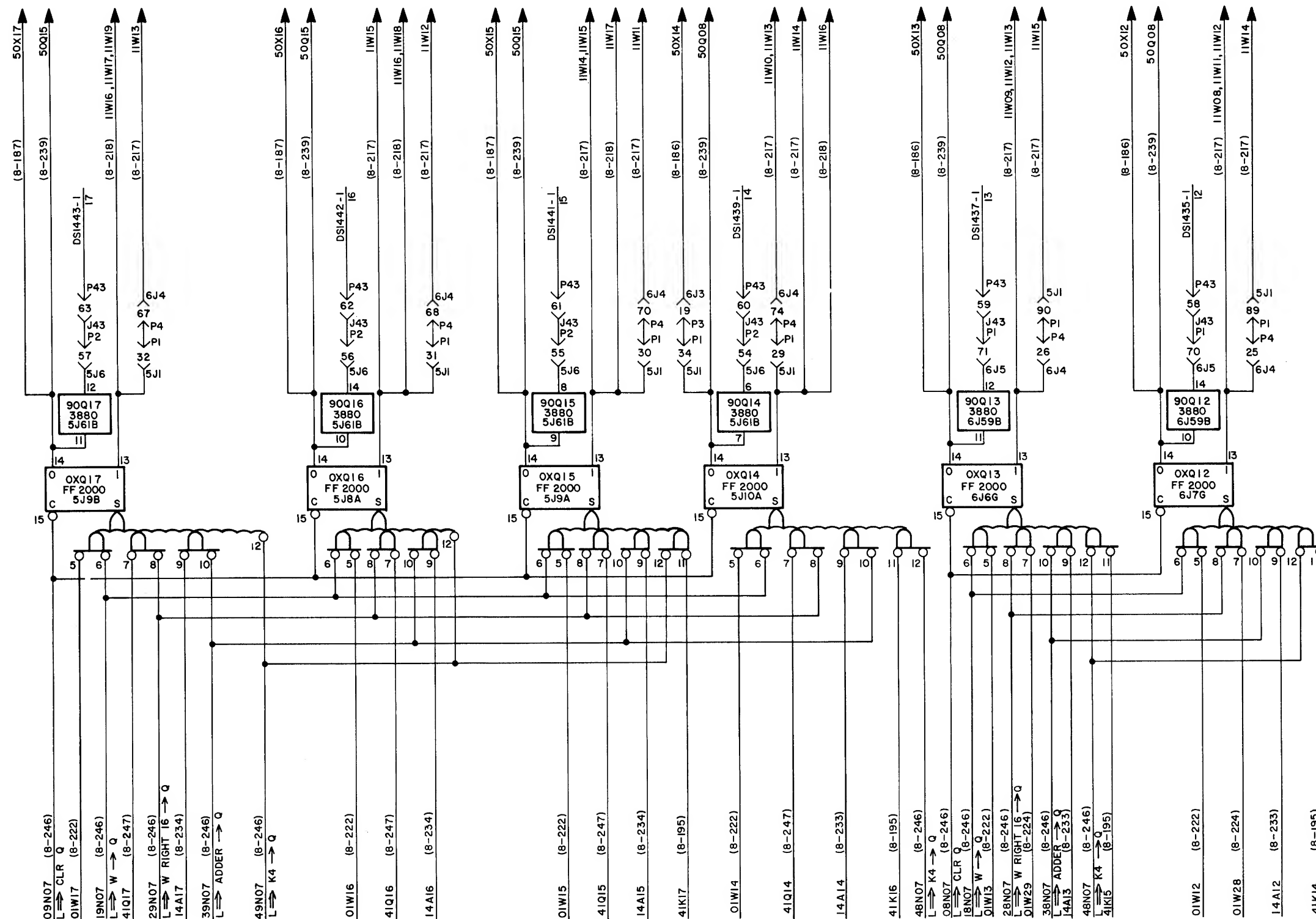
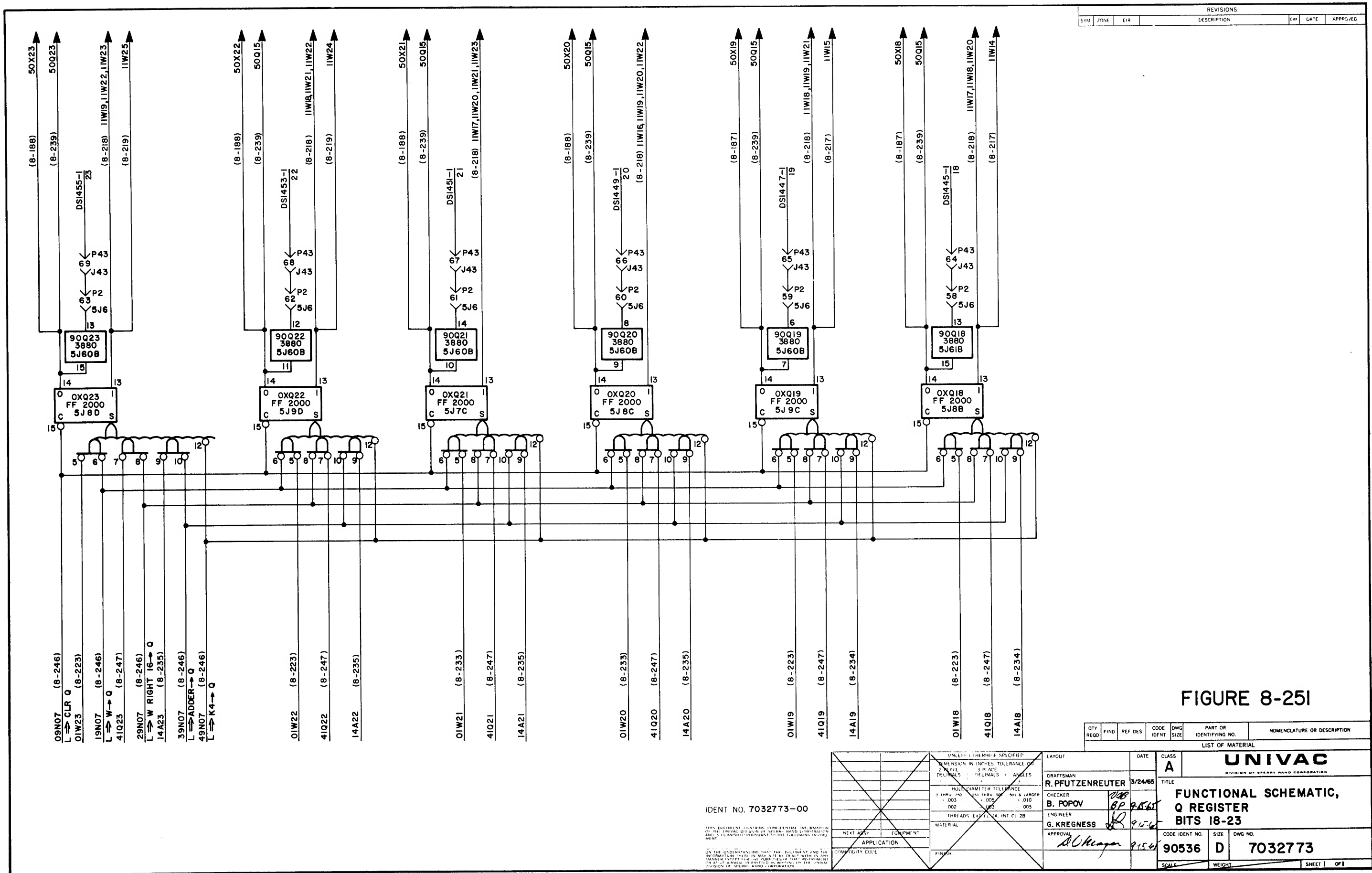


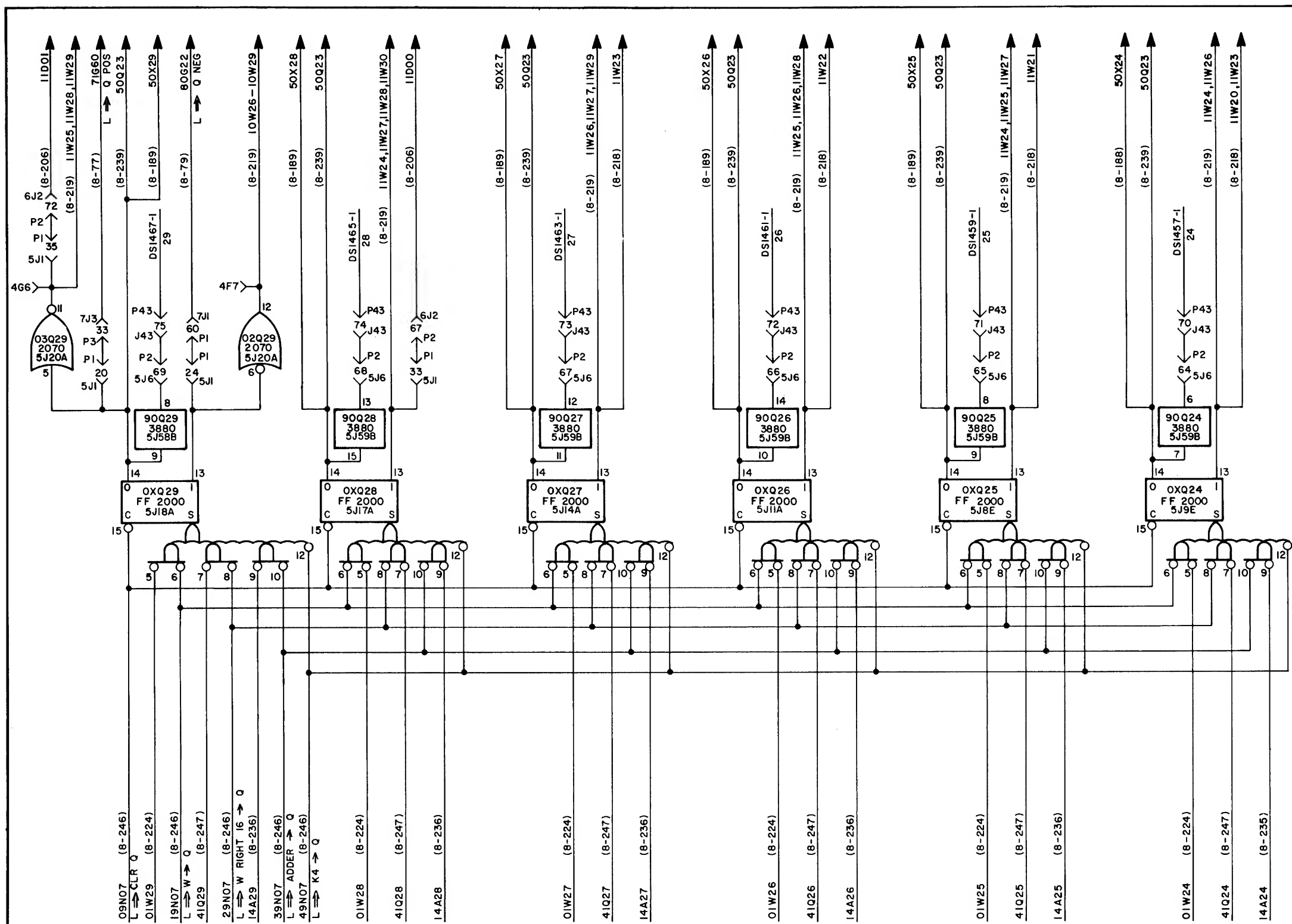
FIGURE 8-250

IDENT NO. 7032772-00

THE FOLLOWING INFORMATION IS FOR THE USER'S INFORMATION ONLY. IT IS NOT TO BE USED AS A BASIS FOR THE DESIGN OR CONSTRUCTION OF ANY EQUIPMENT. THE USER IS RESPONSIBLE FOR THE DESIGN AND CONSTRUCTION OF ANY EQUIPMENT THAT IS USED IN CONNECTION WITH THIS DOCUMENT.

LAYOUT		DATE	CLASS	UNIVAC	
DRAFTSMAN		3/24/60		DIVISION OF SPERRY RAND CORPORATION	
CHECKER				TITLE	
B. POPOV				FUNCTIONAL SCHEMATIC,	
ENGINEER				Q REGISTER BITS 12-17	
G. KREGNESS					
APPROVAL					
APPLICATION					
SUMMARY CODE					
QTY	FIND	REF DES	CODE	DWG	PART OR
REQD			IDENT	SIZE	IDENTIFYING NO.
LIST OF MATERIAL					
NOMENCLATURE OR DESCRIPTION					
CODE IDENT NO.		SIZE	DWG NO.		
90536		D	7032772		
SCALE		WEIGHT	SHEET 1 OF 1		





REVISIONS				
SYM	ZONE	EIR	DESCRIPTION	CHK DATE APPROVED
A		71696	SEE EIR	8/10/65 [Signature]

FIGURE 8-252

IDENT NO. 7032774 -00

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION AND IS FURNISHED PURSUANT TO THE FOLLOWING INSTRUMENT.

ON THE UNDERSTANDING THAT THIS DOCUMENT AND THE INFORMATION THEREON MAY NOT BE DEALT WITH IN ANY MANNER EXCEPT FOR THE PURPOSES OF THAT INSTRUMENT OR AS OTHERWISE PERMITTED IN WRITING BY THE UNIVAC DIVISION OF SPERRY RAND CORPORATION.

UNLESS OTHERWISE SPECIFIED	
DIMENSION IN INCHES TOLERANCE ON	3 PLACE DECIMALS
HOLD DIAMETER TOLERANCE	0 THRU .250 +.003 - .002 .251 THRU .500 +.005 - .005 .501 & LARGER +.010 - .005
THREADS EXPT. CL. 2A, INT. CL. 2B	
MATERIAL	
FINISH	
APPLICATION	
COMMODITY CODE	

QTY REQD	FINO	REF DES	CODE IDENT	DWG SIZE	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION
LIST OF MATERIAL						
UNIVAC						
DIVISION OF SPERRY RAND CORPORATION						
TITLE						
FUNCTIONAL SCHEMATIC, Q REGISTER BITS 24 - 29						
DATE						
3/24/65						
CLASS						
DRAFTSMAN						
R. PFUTZENREUTER						
CHECKER						
B. POPOV						
ENGINEER						
G. KREGNESS						
APPROVAL						
[Signature]						
CODE IDENT NO.						
90536						
SIZE						
D						
DWG NO.						
7032774						
SCALE						
WEIGHT						
SHEET 1 OF 1						

REVISIONS				
SYM	ZONE	EIR	DESCRIPTION	CHK DATE APPROVED
A		71696	SEE EIR	BP 9/15/65

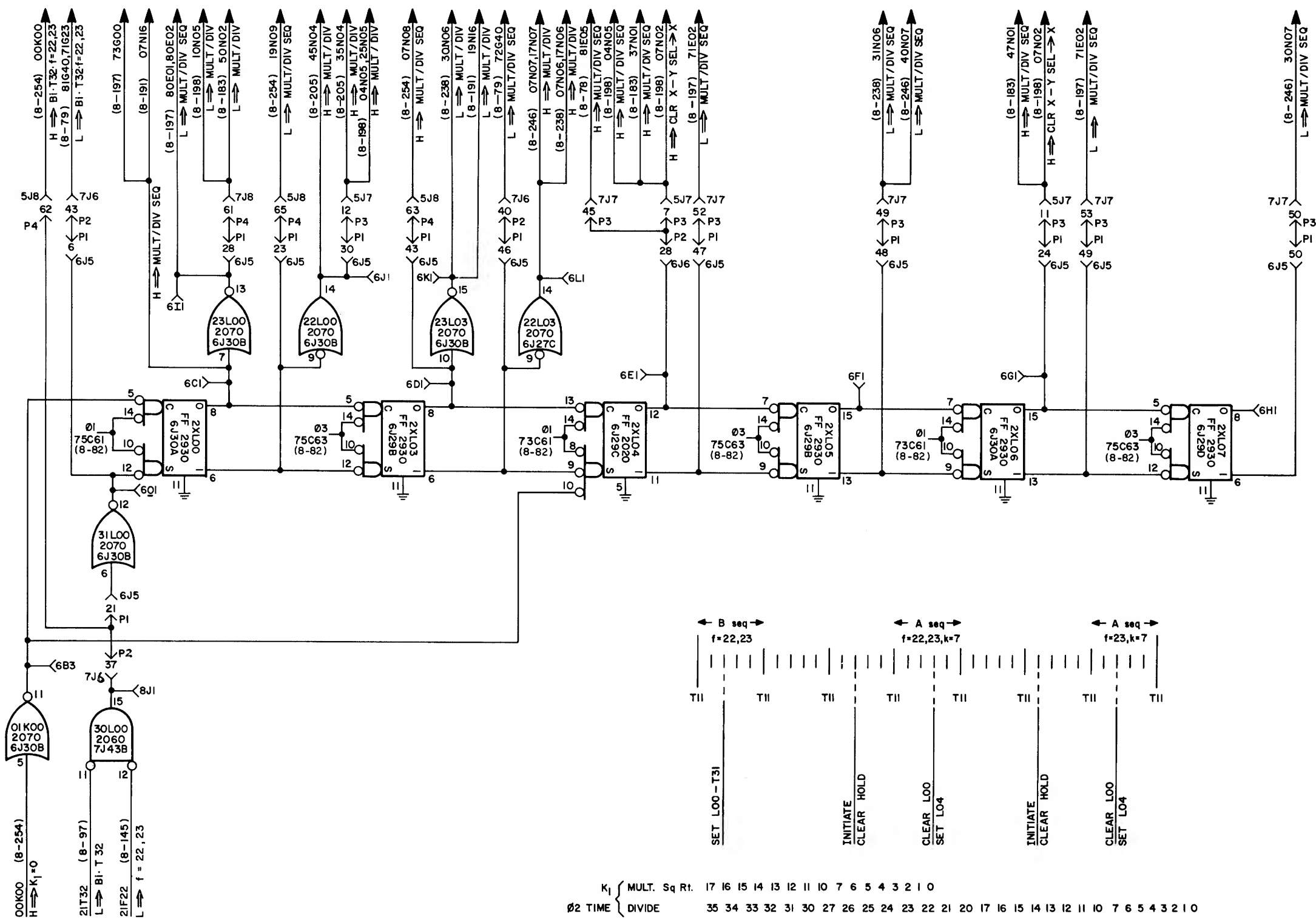


FIGURE 8-253

K₁ { MULT. Sq Rt. 17 16 15 14 13 12 11 10 7 6 5 4 3 2 1 0
 Ø2 TIME DIVIDE 35 34 33 32 31 30 27 26 25 24 23 22 21 20 17 16 15 14 13 12 11 10 7 6 5 4 3 2 1 0

IDENT NO. 7032849-00

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION AND IS FURNISHED PURSUANT TO THE FOLLOWING INSTRUMENT

ON THE UNDERSTANDING THAT THIS DOCUMENT AND THE INFORMATION THEREIN MAY NOT BE DISCLOSED IN ANY MANNER EXCEPT FOR THE PURPOSES OF THAT INSTRUMENT OR AS OTHERWISE PERMITTED IN WRITING BY THE UNIVAC DIVISION OF SPERRY RAND CORPORATION

UNLESS OTHERWISE SPECIFIED		LAYOUT		DATE	CLASS	NOMENCLATURE OR DESCRIPTION	
DIMENSION IN INCHES TOLERANCE OR 2 PLACE DECIMALS 3 PLACE DECIMALS ANGLES		DRAFTSMAN		5-21-65	A	UNIVAC	
HOLE DIAMETER TOLERANCE 0 THRU .250 .251 THRU .500 .501 & LARGER .003 .005 .010 .020 .050 .005		CHECKER		BP 9/15/65		FUNCTIONAL SCHEMATIC, MULT / DIVIDE / SQ ROOT SEQUENCE	
THREADS EXT CL 2A, INT CL 2B		ENGINEER		9/15/65		CODE IDENT NO. 90536 SIZE D DWG NO. 7032849	
MATERIAL		APPROVAL				SHEET 1 OF 1	
FINISH							

REVISIONS				
SYM	ZONE	EIR	DESCRIPTION	DATE
A		71696	SEE EIR	8/15/61

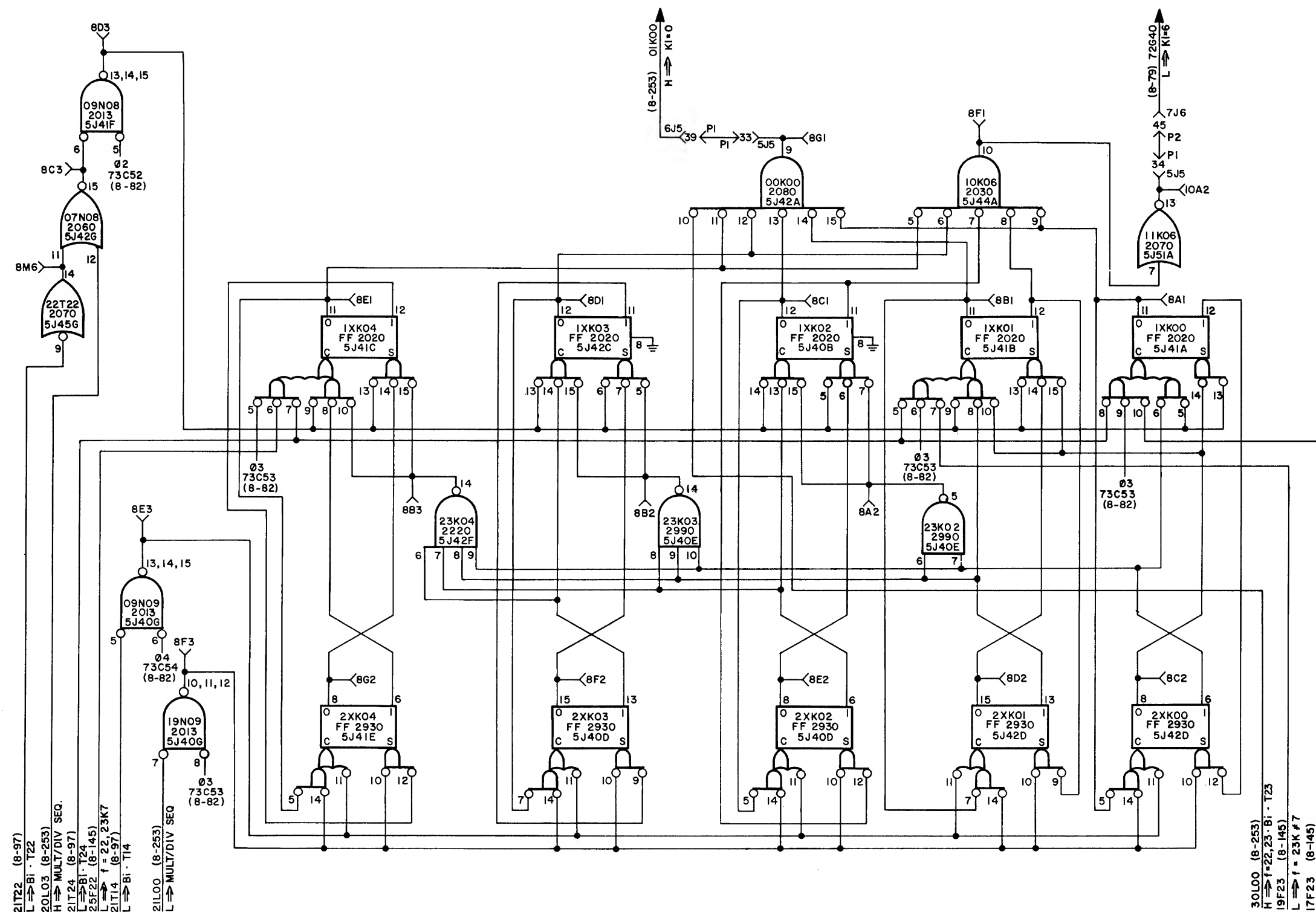


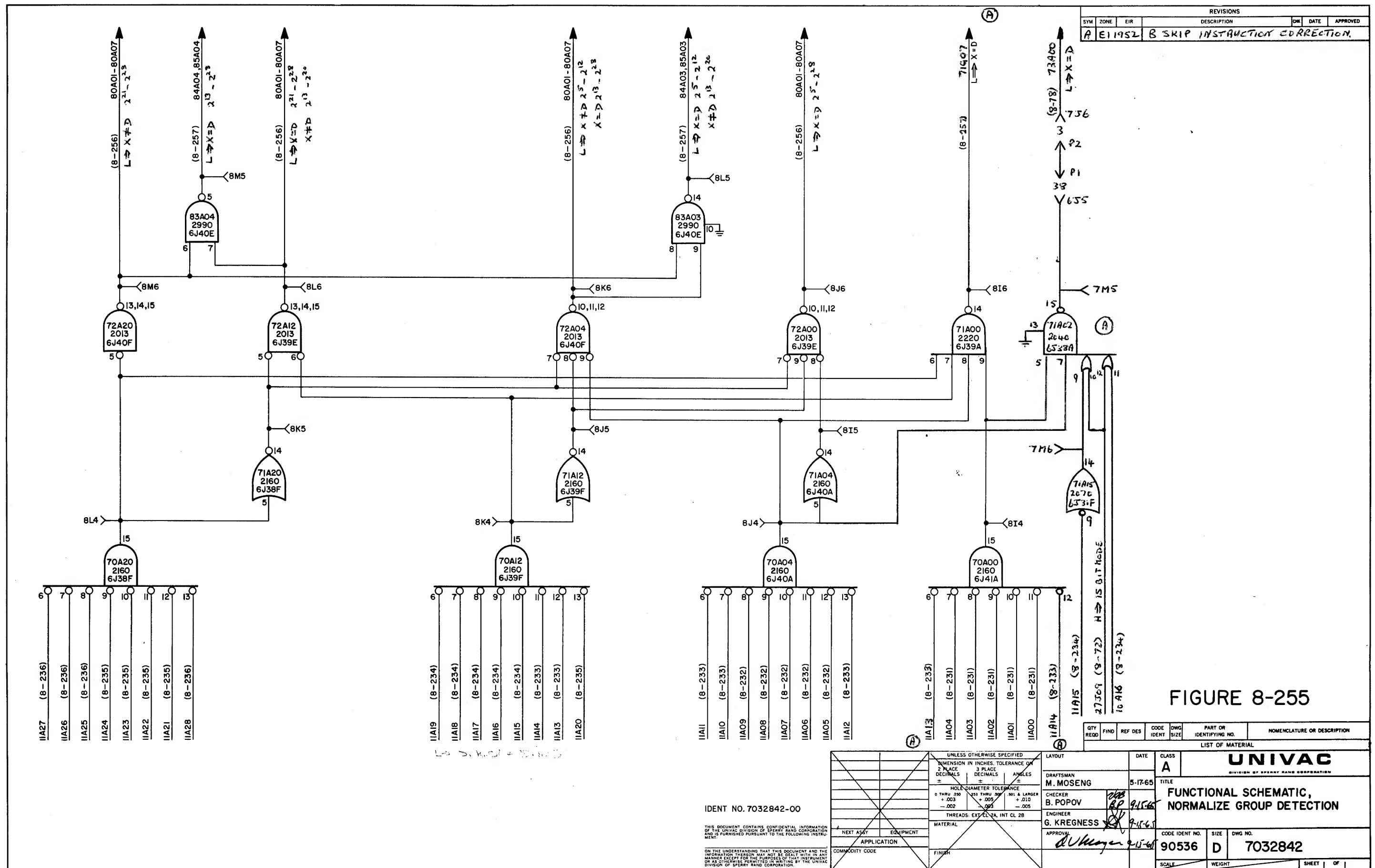
FIGURE 8-254

IDENT NO. 7032850-00

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION AND IS FURNISHED PURSUANT TO THE FOLLOWING INSTRUMENT:

ON THE UNDERSTANDING THAT THIS DOCUMENT AND THE INFORMATION THEREIN MAY NOT BE DISCLOSED IN ANY MANNER EXCEPT FOR THE PURPOSES OF THAT INSTRUMENT OR AS OTHERWISE PERMITTED IN WRITING BY THE UNIVAC DIVISION OF SPERRY RAND CORPORATION.

UNLESS OTHERWISE SPECIFIED		LAYOUT	
DIMENSION IN INCHES. TOLERANCE ON 2 PLACE DECIMALS		DRAFTSMAN F. MANNING	
HOLE DIAMETER TOLERANCE		CHECKER B. POPOV	
THREADS: EXT. CL. 2A. INT. CL. 2B		ENGINEER G. KREGNESS	
MATERIAL		APPROVAL 8/15/61	
FINISH		DATE 5-26-60	
CLASS A		TITLE FUNCTIONAL SCHEMATIC, MULT/DIVIDE/SQ. ROOT COUNTER	
CODE IDENT NO. 90536		SIZE D	
DWG NO. 7032850		SHEET 1 OF 1	



REVISIONS				
SYM	ZONE	EIR	DESCRIPTION	CHK DATE APPROVED
A		71696	SEE EIR	8/22/65

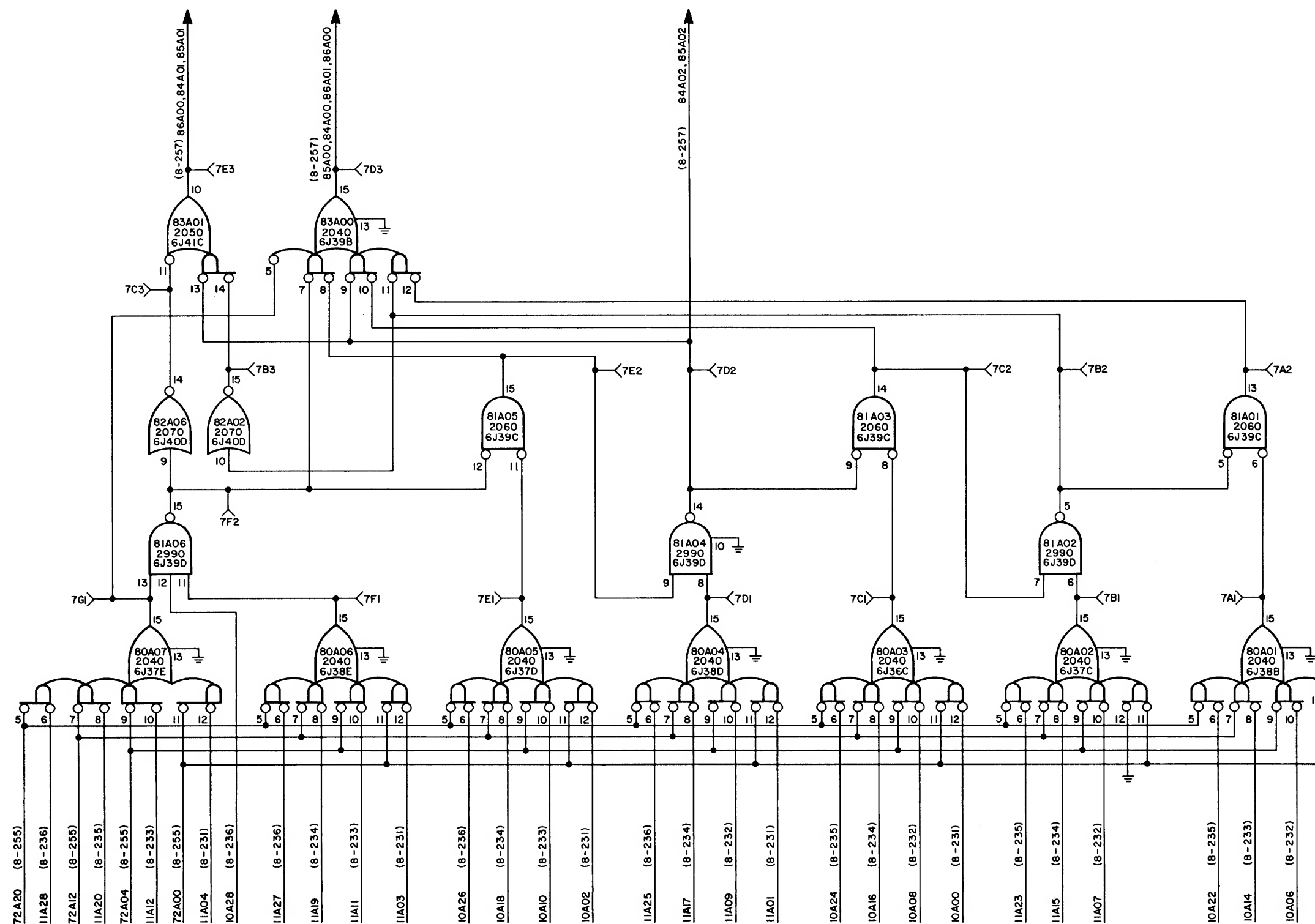


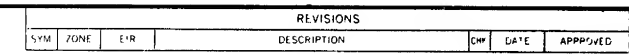
FIGURE 8-256

PART NO.
IDENT NO. 7032844-00

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION AND IS FURNISHED PURSUANT TO THE FOLLOWING INSTRUMENT:

ON THE UNDERSTANDING THAT THIS DOCUMENT AND THE INFORMATION THEREON MAY NOT BE DEALT WITH IN ANY MANNER EXCEPT FOR THE PURPOSES OF THAT INSTRUMENT OR AS OTHERWISE PERMITTED IN WRITING BY THE UNIVAC DIVISION OF SPERRY RAND CORPORATION.

UNLESS OTHERWISE SPECIFIED		LAYOUT		DATE		CLASS	
DIMENSION IN INCHES TOLERANCE ON 2 PLACE DECIMALS		DRAFTSMAN		4-23-65		A	
HOLE DIAMETER TOLERANCE		D.R. MUHS				TITLE	
0 THRU .250 +.003		CHECKER		B. POPOV		FUNCTIONAL SCHEMATIC, NORMALIZE STAGE DETECTION	
.251 THRU .500 +.005		ENGINEER		G. KREGNESS			
.501 THRU 1.000 +.010		APPROVAL		[Signature]		CODE IDENT NO. 90536	
1.001 THRU 2.000 +.015		MATERIAL				SIZE D	
2.001 THRU 3.000 +.020		FINISH				DWG NO. 7032844	
3.001 THRU 4.000 +.025		NEXT ASSY				SCALE	
4.001 THRU 5.000 +.030		EQUIPMENT				WEIGHT	
5.001 THRU 6.000 +.035		APPLICATION				SHEET 1 OF 1	
6.001 THRU 7.000 +.040		COMMODITY CODE					
7.001 THRU 8.000 +.045							
8.001 THRU 9.000 +.050							
9.001 THRU 10.000 +.055							
10.001 THRU 11.000 +.060							
11.001 THRU 12.000 +.065							
12.001 THRU 13.000 +.070							
13.001 THRU 14.000 +.075							
14.001 THRU 15.000 +.080							
15.001 THRU 16.000 +.085							
16.001 THRU 17.000 +.090							
17.001 THRU 18.000 +.095							
18.001 THRU 19.000 +.100							
19.001 THRU 20.000 +.105							
20.001 THRU 21.000 +.110							
21.001 THRU 22.000 +.115							
22.001 THRU 23.000 +.120							
23.001 THRU 24.000 +.125							
24.001 THRU 25.000 +.130							
25.001 THRU 26.000 +.135							
26.001 THRU 27.000 +.140							
27.001 THRU 28.000 +.145							
28.001 THRU 29.000 +.150							
29.001 THRU 30.000 +.155							
30.001 THRU 31.000 +.160							
31.001 THRU 32.000 +.165							
32.001 THRU 33.000 +.170							
33.001 THRU 34.000 +.175							
34.001 THRU 35.000 +.180							
35.001 THRU 36.000 +.185							
36.001 THRU 37.000 +.190							
37.001 THRU 38.000 +.195							
38.001 THRU 39.000 +.200							
39.001 THRU 40.000 +.205							
40.001 THRU 41.000 +.210							
41.001 THRU 42.000 +.215							
42.001 THRU 43.000 +.220							
43.001 THRU 44.000 +.225							
44.001 THRU 45.000 +.230							
45.001 THRU 46.000 +.235							
46.001 THRU 47.000 +.240							
47.001 THRU 48.000 +.245							
48.001 THRU 49.000 +.250							
49.001 THRU 50.000 +.255							
50.001 THRU 51.000 +.260							
51.001 THRU 52.000 +.265							
52.001 THRU 53.000 +.270							
53.001 THRU 54.000 +.275							
54.001 THRU 55.000 +.280							
55.001 THRU 56.000 +.285							
56.001 THRU 57.000 +.290							
57.001 THRU 58.000 +.295							
58.001 THRU 59.000 +.300							
59.001 THRU 60.000 +.305							
60.001 THRU 61.000 +.310							
61.001 THRU 62.000 +.315							
62.001 THRU 63.000 +.320							
63.001 THRU 64.000 +.325							
64.001 THRU 65.000 +.330							
65.001 THRU 66.000 +.335							
66.001 THRU 67.000 +.340							
67.001 THRU 68.000 +.345							
68.001 THRU 69.000 +.350							
69.001 THRU 70.000 +.355							
70.001 THRU 71.000 +.360							
71.001 THRU 72.000 +.365							
72.001 THRU 73.000 +.370							
73.001 THRU 74.000 +.375							
74.001 THRU 75.000 +.380							
75.001 THRU 76.000 +.385							
76.001 THRU 77.000 +.390							
77.001 THRU 78.000 +.395							
78.001 THRU 79.000 +.400							
79.001 THRU 80.000 +.405							
80.001 THRU 81.000 +.410							
81.001 THRU 82.000 +.415							
82.001 THRU 83.000 +.420							
83.001 THRU 84.000 +.425							
84.001 THRU 85.000 +.430							
85.001 THRU 86.000 +.435							
86.001 THRU 87.000 +.440							
87.001 THRU 88.000 +.445							
88.001 THRU 89.000 +.450							
89.001 THRU 90.000 +.455							
90.001 THRU 91.000 +.460							
91.001 THRU 92.000 +.465							
92.001 THRU 93.000 +.470							
93.001 THRU 94.000 +.475							
94.001 THRU 95.000 +.480							
95.001 THRU 96.000 +.485							
96.001 THRU 97.000 +.490							
97.001 THRU 98.000 +.495							
98.001 THRU 99.000 +.500							
99.001 THRU 100.000 +.505							



QTY REQD	FIN FIND	REF DES	CODE IDENT	SIZE	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION
LIST OF MATERIAL						
DATE		CLASS	UNIVAC			
		A	DIVISION OF SPERRY RAND CORPORATION			
TITLE		FUNCTIONAL SCHEMATIC, NORMALIZE OUTPUTS				
CODE IDENT NO.		SIZE	OWNG NO.			
90536		D	7032843			
SCALE		WEIGHT			SHEET 1 OF 1	

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION AND IS FURNISHED PURSUANT TO THE FOLLOWING INSTRUMENT

ON THE UNDERSTANDING THAT THIS DOCUMENT AND THE INFORMATION THEREON MAY NOT BE DEALT WITH IN ANY MANNER EXCEPT FOR THE PURPOSES OF THAT INSTRUMENT OR AS OTHERWISE PERMITTED IN WRITING BY THE UNIVAC DIVISION OF SPERRY RAND CORPORATION

REVISIONS					
SYM	ZONE	EIR	DESCRIPTION	ONE	DATE
A		77403	SEE EIR		1-23-64

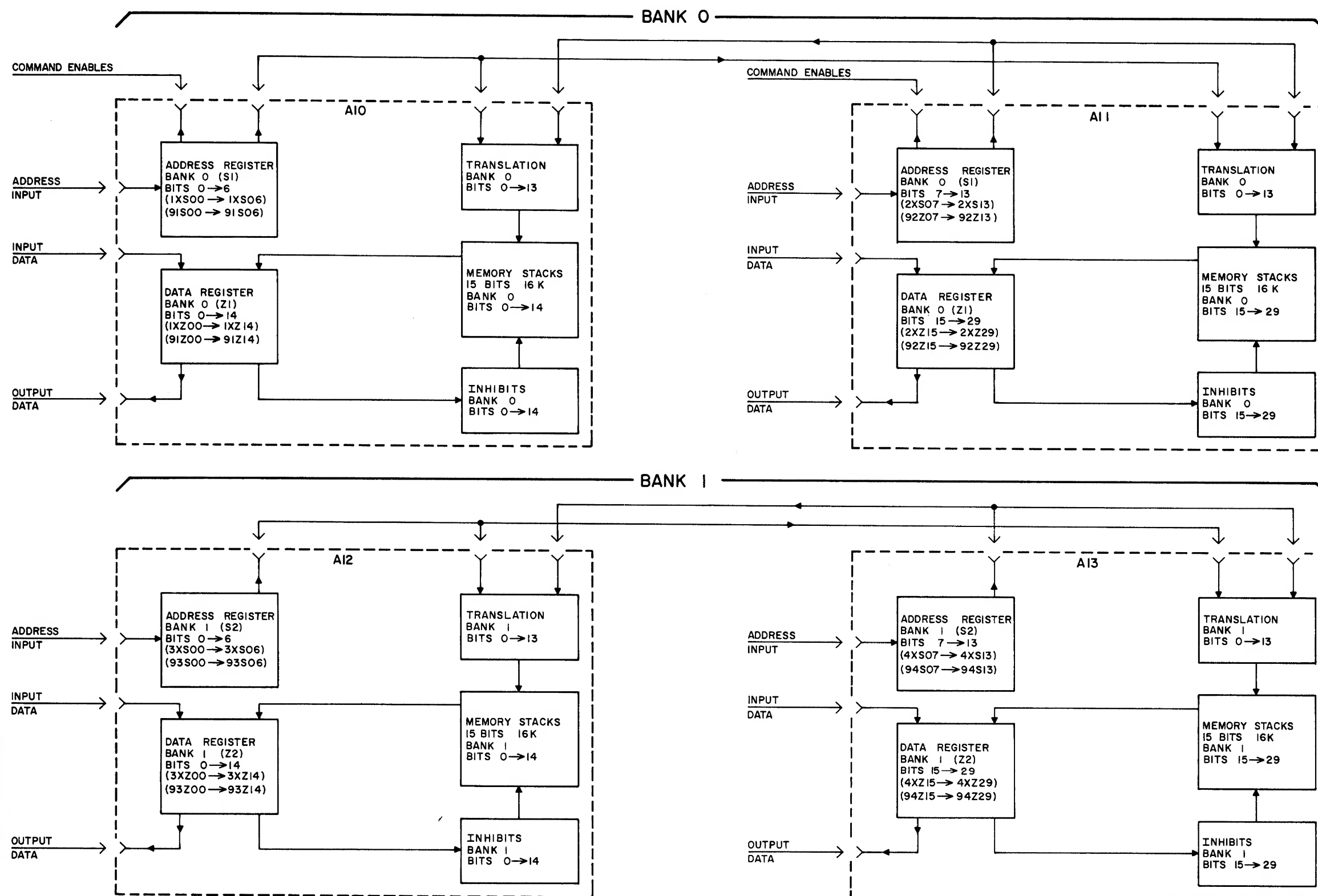


FIGURE 8-258

IDENT NO. 7032766-00

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION AND IS FURNISHED PURSUANT TO THE FOLLOWING INSTRUMENT:

ON THE UNDERSTANDING THAT THIS DOCUMENT AND THE INFORMATION THEREON MAY NOT BE DEALT WITH IN ANY MANNER EXCEPT FOR THE PURPOSES OF THAT INSTRUMENT OR AS OTHERWISE PERMITTED IN WRITING BY THE UNIVAC DIVISION OF SPERRY RAND CORPORATION.

UNLESS OTHERWISE SPECIFIED		LAYOUT		DATE		CLASS	
DIMENSION IN INCHES. TOLERANCE ON		DRAFTSMAN		8-19-65		A	
2 PLACE DECIMALS ±		D.C. WHEELER					
3 PLACE DECIMALS ±		CHECKER					
ANGLES ±		B. POPOV					
HOLE DIAMETER TOLERANCE		ENGINEER					
0 THRU .350 ±.003		R. SVOBODNY					
.351 THRU .500 ±.005		APPROVAL					
.501 & LARGER ±.010		[Signature]					
THREADS: EX. CL. 2A, INT. CL. 2B							
MATERIAL							
FINISH							
NEXT ASSY							
EQUIPMENT							
APPLICATION							
COMMODITY CODE							
LIST OF MATERIAL				TITLE			
				BLOCK DIAGRAM, COMPUTER MAIN MEMORY			
QTY REQD		FIND		REF DES		CODE IDENT	
SIZE		PART OR IDENTIFYING NO.		NOMENCLATURE OR DESCRIPTION			
SCALE		WEIGHT		SHEET 1 OF 1			
CODE IDENT NO.		SIZE		DWG NO.			
90536		D		7032766			

REVISIONS				
SYM	ZONE	EIR	DESCRIPTION	CHK DATE APPROVED
A		71696	SEE EIR	BANWICKS

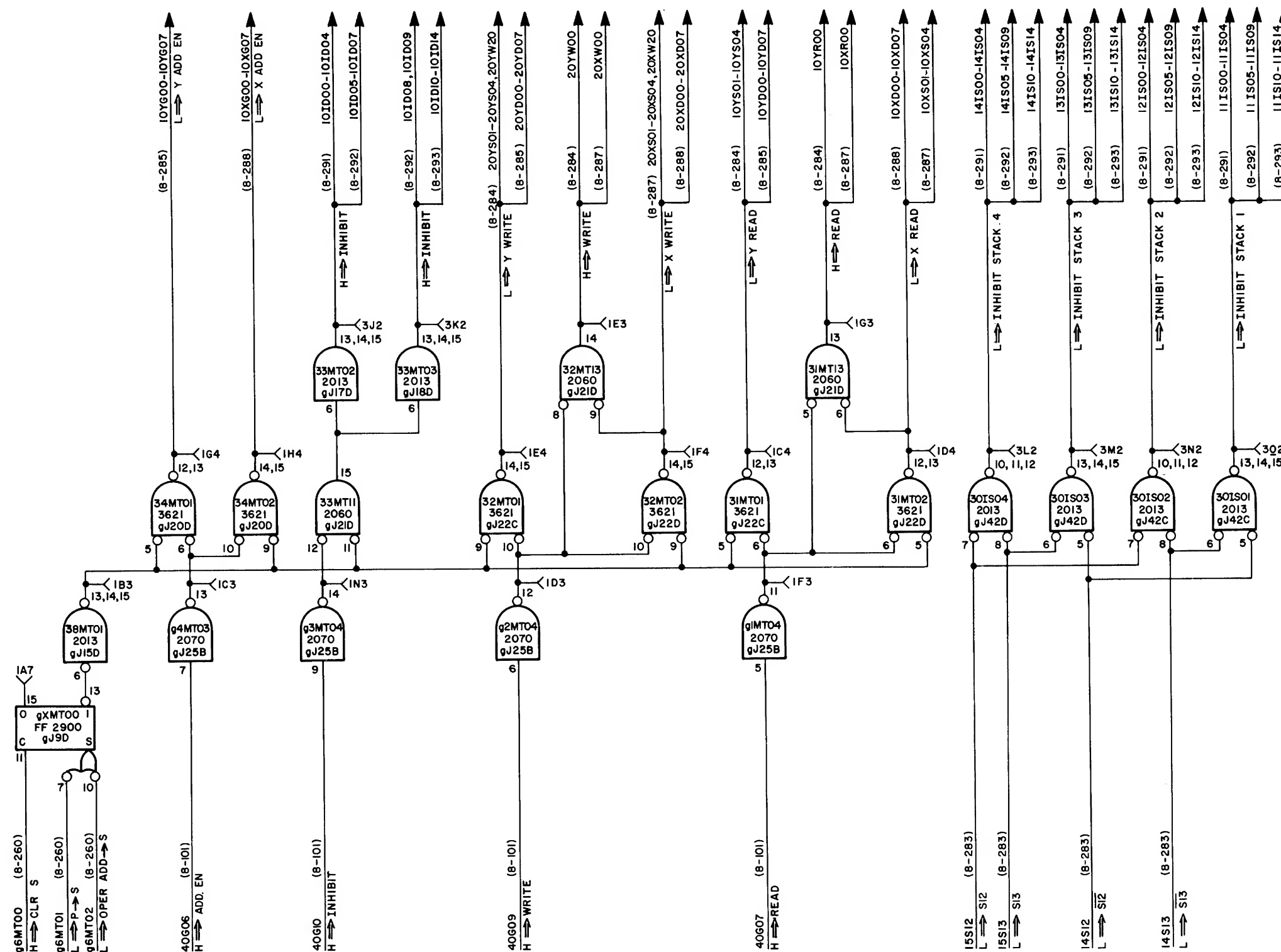
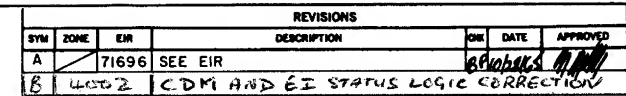


FIGURE 8-259

IDENT NO. 7032758-00

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION AND IS FURNISHED PURSUANT TO THE FOLLOWING INSTRUMENT:
ON THE UNDERSTANDING THAT THIS DOCUMENT AND THE INFORMATION THEREON MAY NOT BE DEALT WITH IN ANY MANNER EXCEPT FOR THE PURPOSES OF THAT INSTRUMENT OR AS OTHERWISE PERMITTED IN WRITING BY THE UNIVAC DIVISION OF SPERRY RAND CORPORATION.

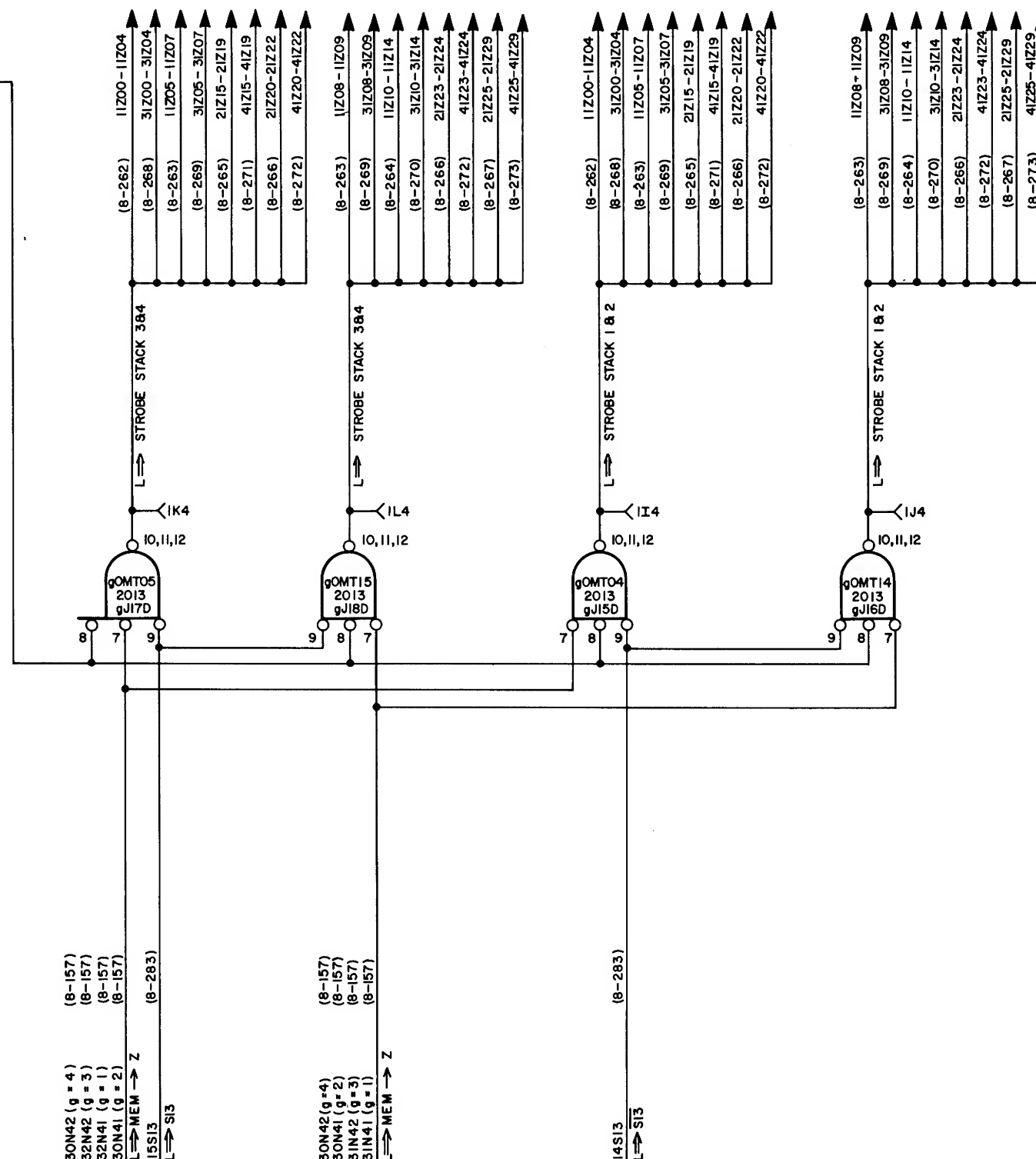
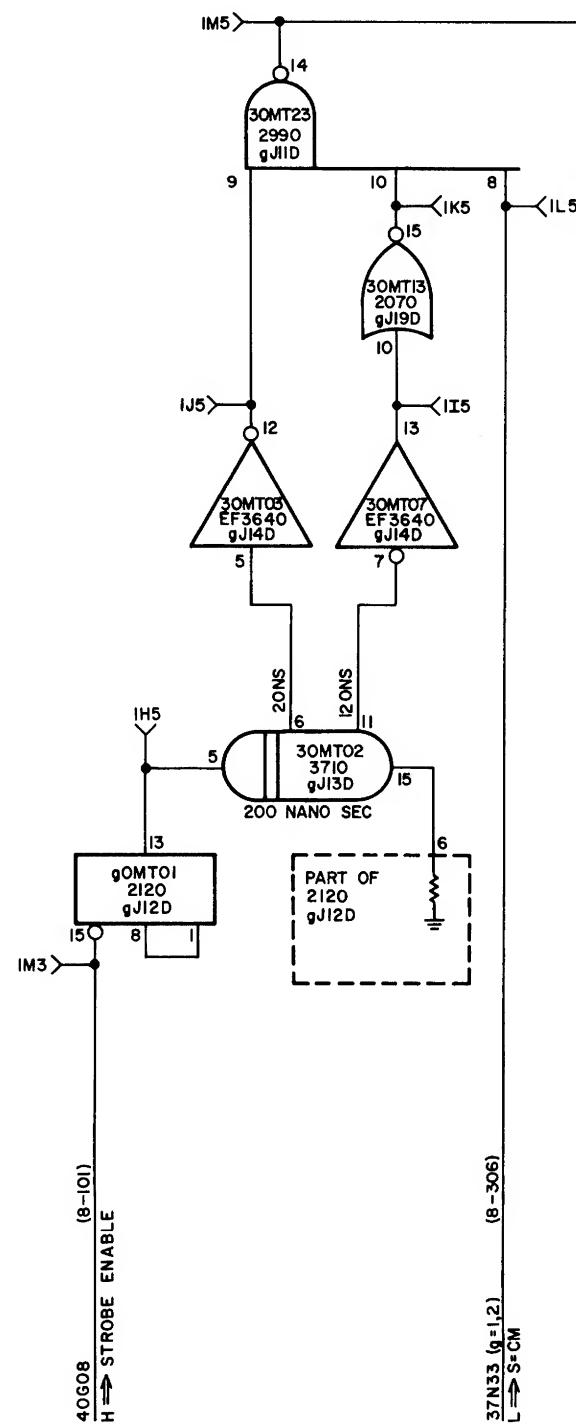
UNLESS OTHERWISE SPECIFIED		LAYOUT		DATE		CLASS	
DIMENSION IN INCHES. TOLERANCE ON 2 PLACE DECIMALS 3 PLACE DECIMALS ANGLES		DRAFTSMAN		8-17-65		A	
HOLE DIAMETER TOLERANCE 0 THRU .250 .001 THRU .500 .001 & LARGER .003 +.005 -.010 .002 +.005 -.005		V. STEEBER					
THREADS: EXT. CL. 2A, INT. CL. 2B		CHECKER		B. POPOV			
		ENGINEER		R. SVOBODNY			
		APPROVAL		R. U. Morgan			
MATERIAL		COMMODITY CODE		APPLICATION		EQUIPMENT	
FINISH							
LIST OF MATERIAL				TITLE			
QTY REQD				FUNCTIONAL SCHEMATIC, MAIN MEMORY TIMING I			
PART OR IDENTIFYING NO.				CODE IDENT NO.			
NOMENCLATURE OR DESCRIPTION				SIZE			
				90536			
				D			
				7032758			
				SCALE			
				WEIGHT			
				SHEET 1 OF 1			



QTY REQD	FIND	REF DES	CODE IDENT	DWG SIZE	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION
LIST OF MATERIAL						
DATE		CLASS A	UNIVAC <small>DIVISION OF SPERRY RAND CORPORATION</small>			
TITLE		FUNCTIONAL SCHEMATIC, MAIN MEMORY TIMING 2				
CODE IDENT NO.		SIZE	DWG NO.			
90536		D	7032759			
SCALE		WEIGHT			SHEET OF	

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION AND IS FURNISHED PURSUANT TO THE FOLLOWING INSTRUMENT:

ON THE UNDERSTANDING THAT THIS DOCUMENT AND THE INFORMATION THEREON MAY NOT BE DEALT WITH IN ANOTHER MANNER EXCEPT FOR THE PURPOSES OF THAT INSTRUMENT AND IS OTHERWISE PERMITTED IN WRIT BY THE UNIVAC DIVISION OF SPERRY RAND CORPORATION.



NOTE:

g	*	*	*
1	A10		
2		A11	
3	A12		
4		A13	

EACH CLASSIC
FIGURE 8-261

IDENT NO. 7032760-00

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION AND IS FURNISHED PURSUANT TO THE FOLLOWING INSTRUMENT:

ON THE UNDERSTANDING THAT THIS DOCUMENT AND THE INFORMATION THEREON MAY NOT BE DEALT WITH IN ANY MANNER EXCEPT FOR THE PURPOSES OF THAT INSTRUMENT OR AS OTHERWISE PERMITTED IN WRITING BY THE UNIVAC DIVISION OF SPERRY RAND CORPORATION.

UNLESS OTHERWISE SPECIFIED		DIMENSION IN INCHES. TOLERANCE ON		LAYOUT		DATE		CLASS	
2 PLACE DECIMALS		3 PLACE DECIMALS		DRAFTSMAN		R. NEWMAN		A	
HOLD DIAMETER TOLERANCE		HOLD DIAMETER TOLERANCE		CHECKER		B. POPOV		TITLE	
8 THRU 20		21 THRU 30		ENGINEER		R. SVOBODNY		FUNCTIONAL SCHEMATIC, MAIN MEMORY TIMING 3	
THREADS: EXT. CL. 2A, INT. CL. 2B		THREADS: EXT. CL. 2A, INT. CL. 2B		APPROVAL		R. SVOBODNY		CODE IDENT NO.	
MATERIAL		MATERIAL		FINISH		FINISH		SIZE	
NEXT ASSY		NEXT ASSY		EQUIPMENT		EQUIPMENT		DWG NO.	
APPLICATION		APPLICATION		FINISH		FINISH		7032760	
COMMODITY CODE		COMMODITY CODE		FINISH		FINISH		SCALE	
FINISH		FINISH		FINISH		FINISH		WEIGHT	
FINISH		FINISH		FINISH		FINISH		SHEET	
FINISH		FINISH		FINISH		FINISH		OF	

REVISIONS					
SYM	ZONE	EIR	DESCRIPTION	CHK	DATE
A		71696	SEE EIR		08/10/65
B		77403	SEE EIR		11/12/66

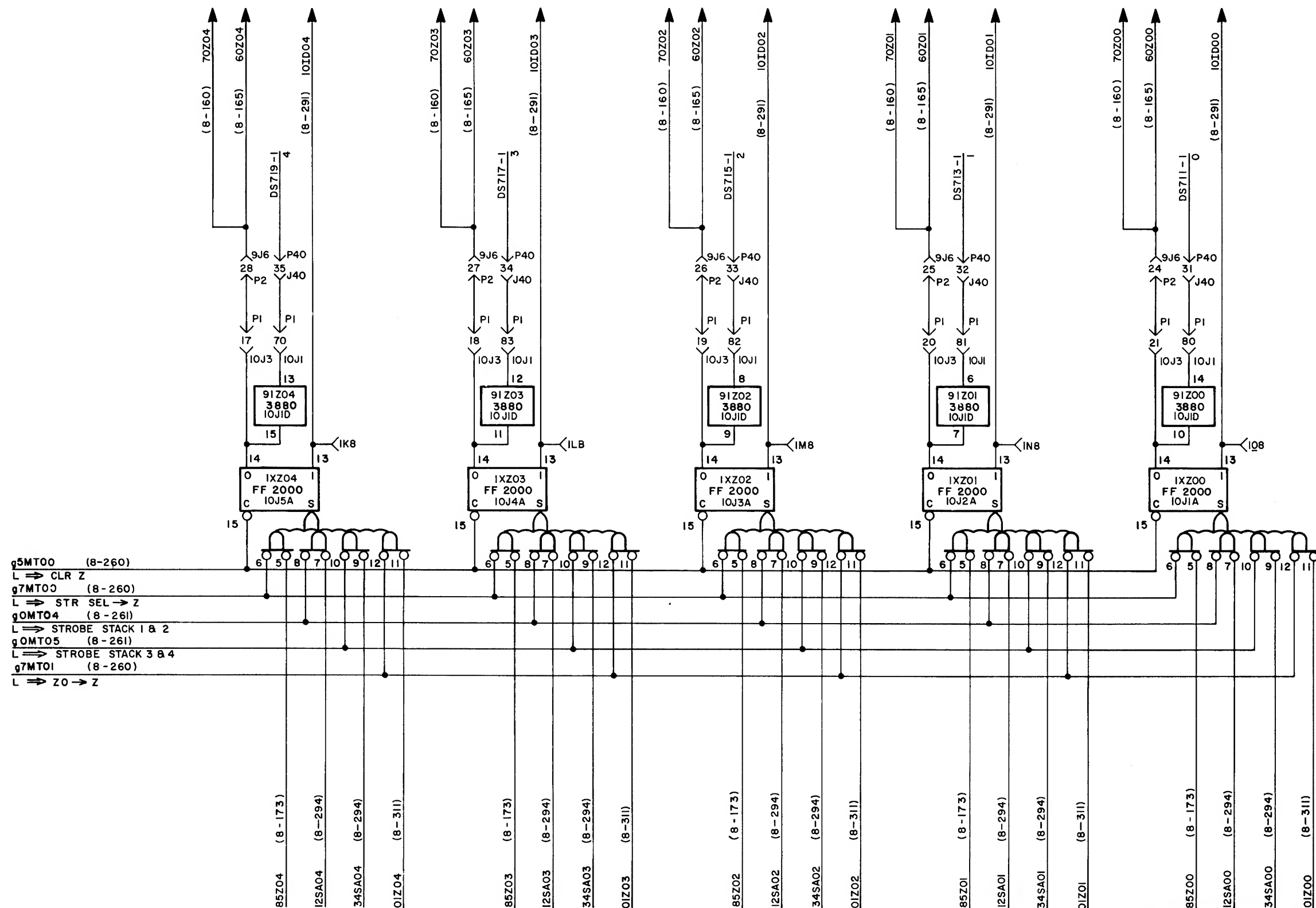


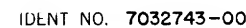
FIGURE 8-262

IDENT NO. 7032742-00

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UNLESS OTHERWISE SPECIFIED		LAYOUT		DATE	CLASS	UNIVAC	
DIMENSION IN INCHES. TOLERANCE ON 2 PLACE DECIMALS		DRAFTSMAN		2-18-65	A	DIVISION OF SPERRY RAND CORPORATION	
HOLE DIAMETER TOLERANCE		CHECKER				FUNCTIONAL SCHEMATIC, ZI REGISTER BITS 00-04	
THREADS: EXT. CL. 2A, INT. CL. 2B		ENGINEER				CODE IDENT NO. 90536	
FINISH		APPROVAL				SIZE D	
COMMODITY CODE		EQUIPMENT				DWG NO. 7032742	
APPLICATION		MATERIAL				SCALE	
						WEIGHT	
						SHEET OF	

QTY REQD	FIND	REF DES	CODE IDENT	DWG SIZE	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION
LIST OF MATERIAL						
MAN TASKI		DATE	CLASS A	UNIVAC DIVISION OF SPERRY RAND CORPORATION		
		2:18-65	TITLE	FUNCTIONAL SCHEMATIC, ZI REGISTER BITS 05-09		
R POPOV		9-15-65				
ER		9-15-65				
VOBODNY		9-15-65				
AL W. Wagon		9-15-65	CODE IDENT NO.	SIZE	DWG NO.	
			90536	D	7032743	
			SCALE	WEIGHT	SHEET	OF



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[illegible]

	LAYOUT	DATE
	DRAFTSMAN R. BRASKI	2-18-6
GER	CHECKER B POPOV	<i>W.C. B.P.</i> 9-15-6
	ENGINEER R. SVOBODNY	<i>R.W.D.</i> 9-15-6
	APPROVAL <i>W.C. B.P.</i>	9-15-6

FIGURE 8-263

UNIVAC

FUNCTIONAL SCHEMATIC,
ZI REGISTER BITS 05-09

CODE IDENT NO.	SIZE	DWG NO.
90536	D	7032743

REVISIONS				
SYM	ZONE	EIR	DESCRIPTION	DATE
A		71697	SEE EIR	1-22-66
B		77403	SEE EIR	1-22-66

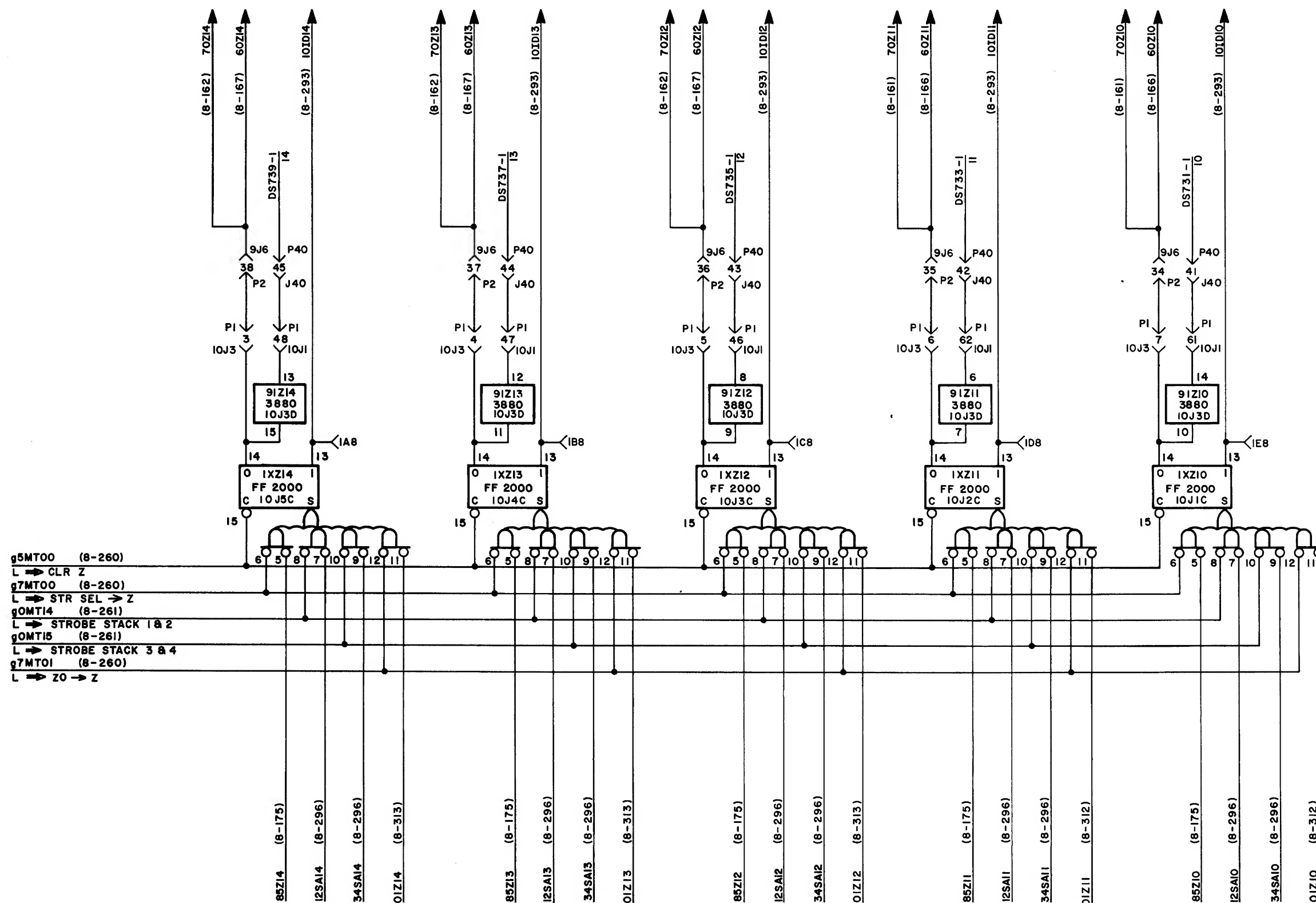


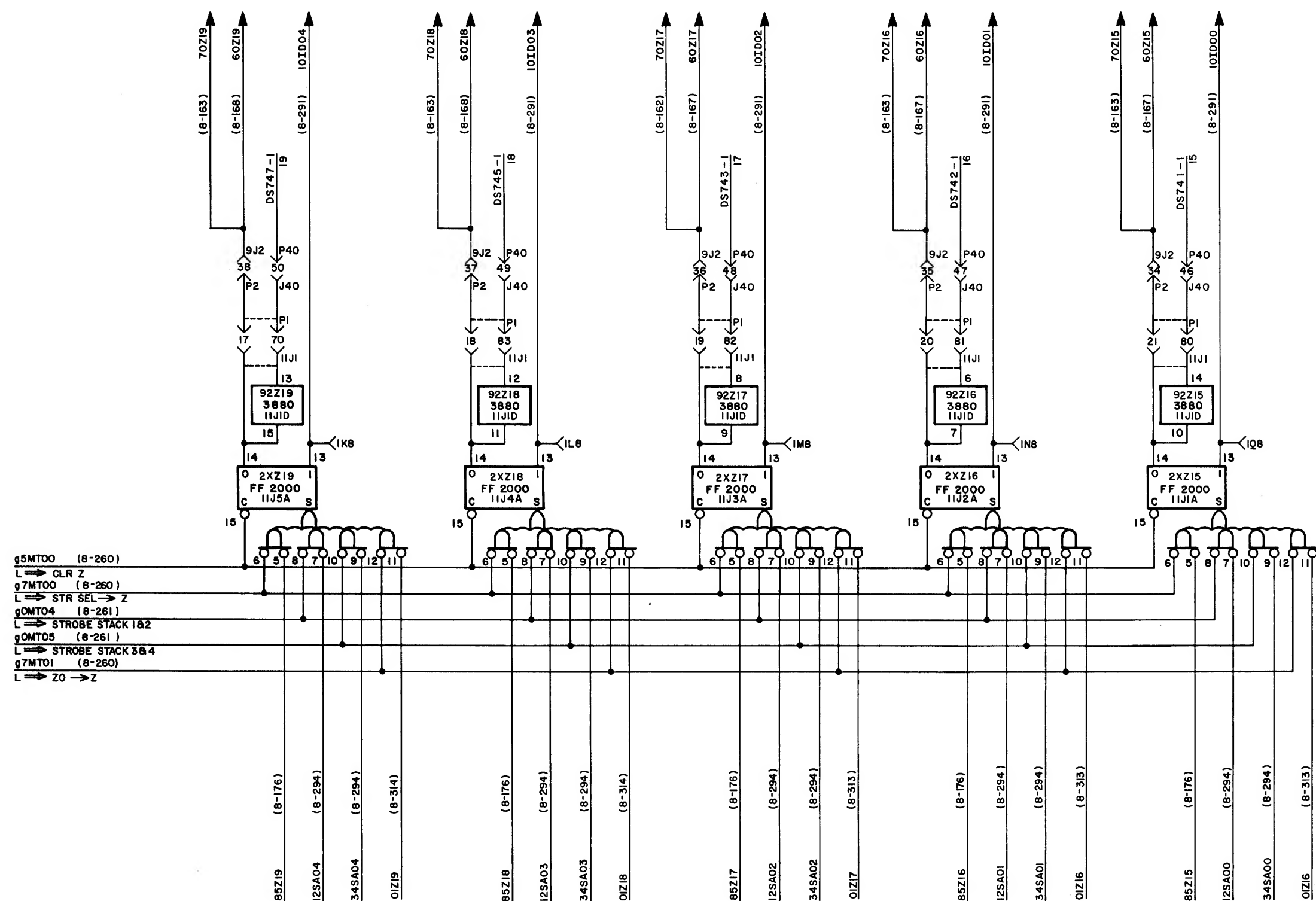
FIGURE 8-264

IDENT NO. 7032744 - 00

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QTY REQD		FIND	REF DES	CODE IDENT	DWG SIZE	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION
LIST OF MATERIAL							
UNLESS OTHERWISE SPECIFIED				LAYOUT			
DIMENSION IN INCHES. TOLERANCE ON				DATE			
2 PLACE DECIMALS				CLASS			
3 PLACE DECIMALS				A			
ANGLES				DRAFTSMAN			
HOLE DIAMETER TOLERANCE				R. BRASKI			
0 THRU .250				2-19-65			
.251 THRU .500				CHECKER			
.501 & LARGER				B. POPOV			
THREADS, EXCL CL 2A, INT CL 2B				ENGINEER			
MATERIAL				R. SVOBODNY			
FINISH				APPROVAL			
NEXT ASSY				EQUIPMENT			
APPLICATION				DATE			
COMMODITY CODE				SCALE			
WEIGHT				SHEET			
OF				OF			



g5MT00 (8-260)
L → CLR Z
g7MT00 (8-260)
L → STR SEL → Z
gOMT04 (8-261)
L → STROBE STACK 1&2
gOMT05 (8-261)
L → STROBE STACK 3&4
g7MT01 (8-260)
L → ZO → Z

FIGURE 8-265

IDENT NO. 7032761-00

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UNLESS OTHERWISE SPECIFIED		LAYOUT		DATE		CLASS	
DIMENSION IN INCHES. TOLERANCE ON		2 PLACE DECIMALS		3 PLACE DECIMALS		ANGLES	
±		±		±		±	
HOLE DIAMETER TOLERANCE		0 THRU .250		.251 THRU .500		.501 & LARGER	
+ .003		+ .005		+ .010		+ .015	
- .002		- .005		- .010		- .015	
THREADS: EXPT. CL. 2A, INT. CL. 2B		MATERIAL		FINISH			
NEXT ASSY		EQUIPMENT		APPLICATION		COMMODITY CODE	
DRAFTSMAN		R. BRASKI		CHECKER		B. POPOV	
ENGINEER		R. SVOBODNY		APPROVAL		J. V. Hagan	
TITLE		FUNCTIONAL SCHEMATIC, ZI REGISTER BITS 15-19		CODE IDENT NO.		90536	
SIZE		D		DWG NO.		7032761	
SCALE		WEIGHT		SHEET		OF	

REVISIONS					
SYM	ZONE	EIR	DESCRIPTION	CHK	DATE
A		77403	SEE EIR		4-22-66

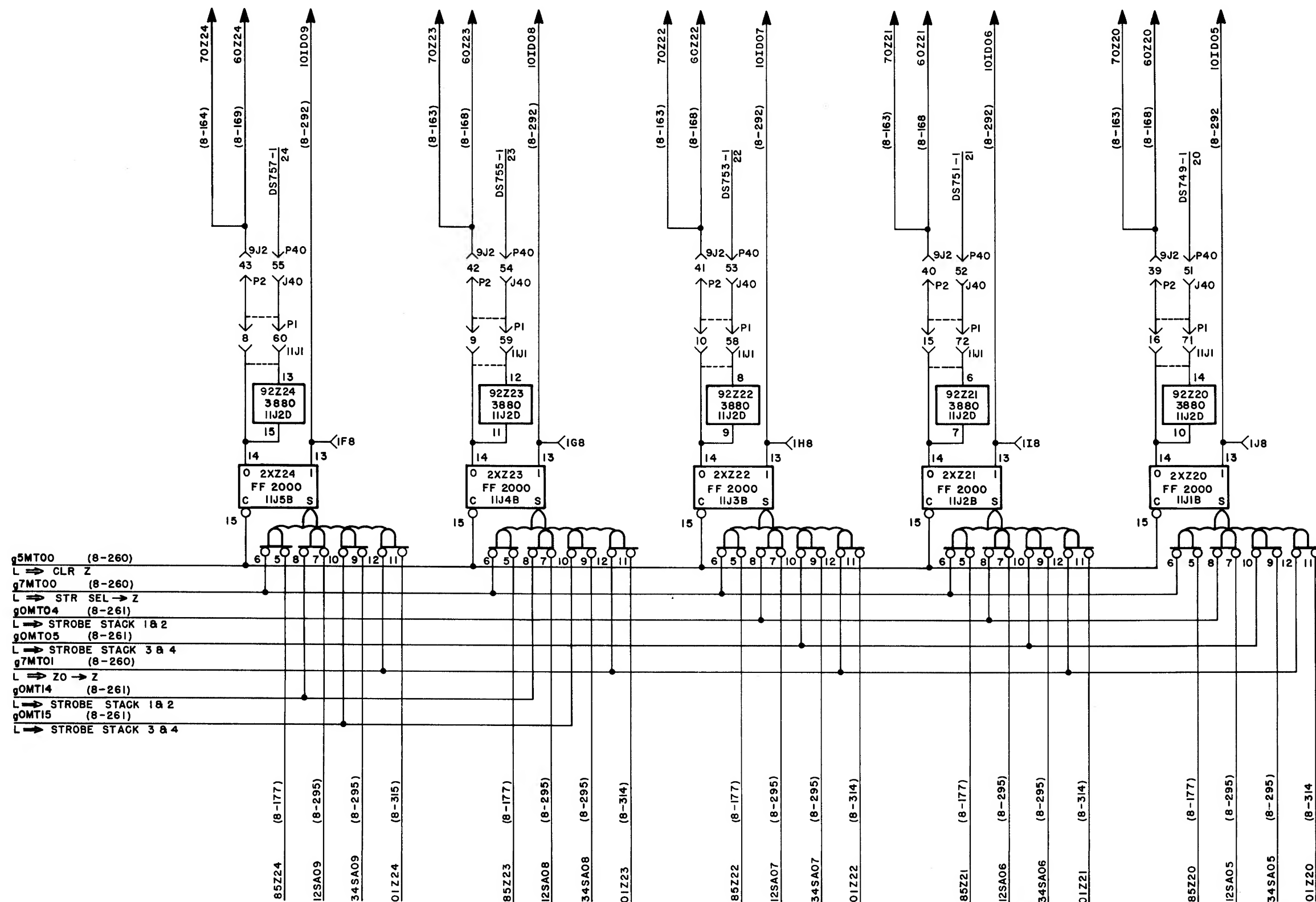


FIGURE 8-266

QTY	FIND	REF	DES	CODE	DWG	PART OR	NOMENCLATURE OR DESCRIPTION
REQD				IDENT	SIZE	IDENTIFYING NO.	
LIST OF MATERIAL							
				UNIVAC			
				DIVISION OF SPERRY RAND CORPORATION			
				TITLE			
				FUNCTIONAL SCHEMATIC,			
				ZI REGISTER BITS 20-24			
				CODE IDENT NO.			
				90536			
				SIZE			
				D			
				DWG NO.			
				7032762			
				SCALE			
				WEIGHT			
				SHEET			
				OF			

IDENT NO. 7032762 -00

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UNLESS OTHERWISE SPECIFIED		DIMENSION IN INCHES. TOLERANCE ON 2 PLACE DECIMALS		3 PLACE DECIMALS		ANGLES	
=		=		=		=	
HOLE DIAMETER TOLERANCE		0 THRU .250		.251 THRU .500		.501 & LARGER	
+ .003		+ .005		+ .010		+ .015	
- .002		- .003		- .005		- .010	
THREADS: EXPT. CL. 2A, INT. CL. 2B		MATERIAL		FINISH			
NEXT ASSY		EQUIPMENT		APPLICATION		COMMODITY CODE	
LAYOUT		DATE		CLASS		TITLE	
DRAFTSMAN		2-18-65		A		FUNCTIONAL SCHEMATIC, ZI REGISTER BITS 20-24	
CHECKER		B. POPOV		R. SVOBODNY		90536 D 7032762	
ENGINEER		R. SVOBODNY		90536		D 7032762	
APPROVAL		R. SVOBODNY		90536		D 7032762	
SCALE		WEIGHT		SHEET		OF	

REVISIONS				
SYM	ZONE	EIR	DESCRIPTION	DATE

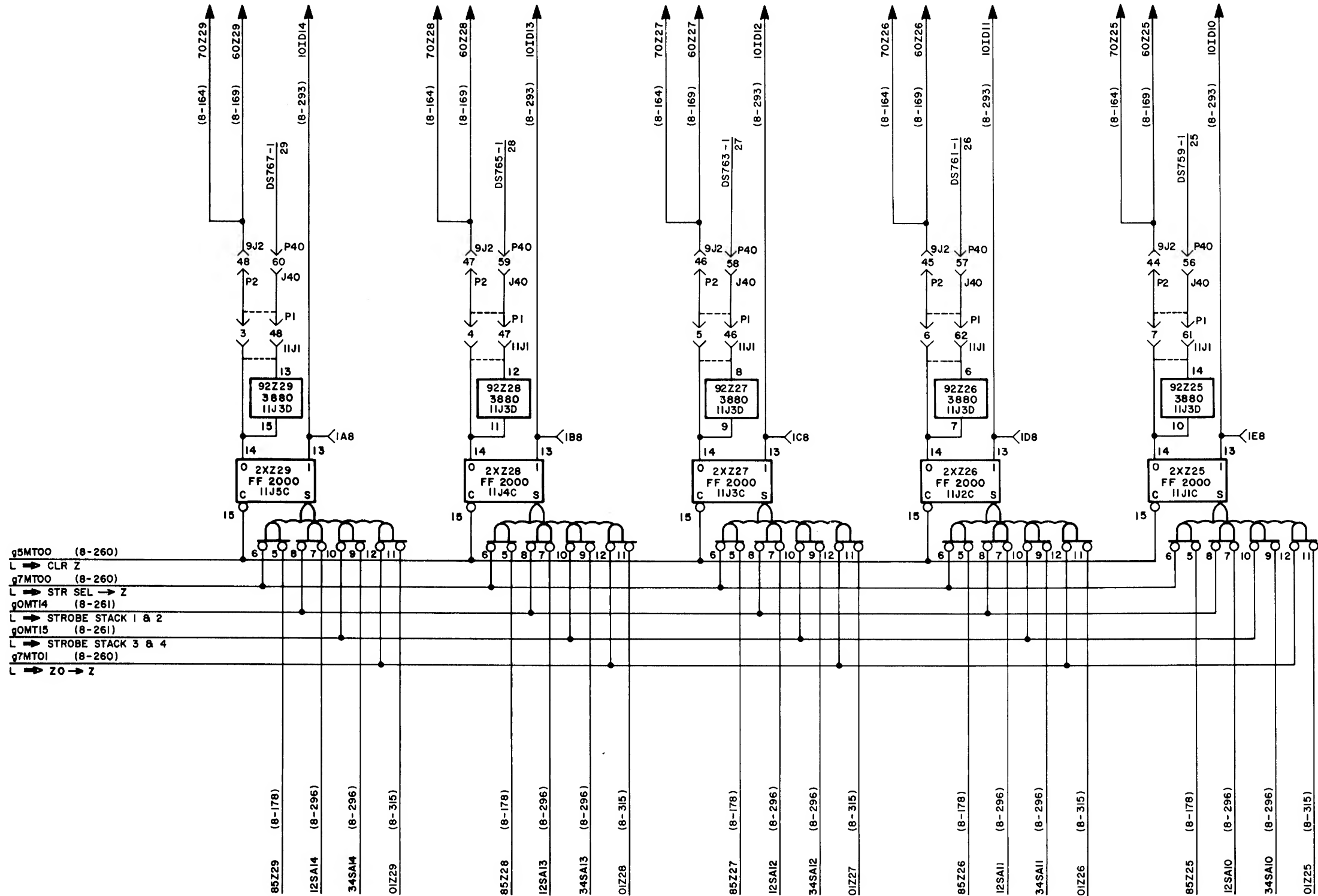


FIGURE 8-267

IDENT NO. 7032763-00

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UNLESS OTHERWISE SPECIFIED		LAYOUT		DATE		CLASS	
DIMENSION IN INCHES TOLERANCE ON		DRAFTSMAN		2-19-65		A	
2 PLACE DECIMALS ± .005		R. BRASKI				TITLE	
3 PLACE DECIMALS ± .001		CHECKER		B. POPOV		FUNCTIONAL SCHEMATIC, ZI REGISTER BITS 25-29	
HOLE DIAMETER TOLERANCE		ENGINEER		R. SVOBODNY		CODE IDENT NO. 90536	
0 THRU .250 ± .003						SIZE D	
.251 THRU .500 ± .005						DWG NO. 7032763	
.501 & LARGER ± .010						SCALE	
THREADS: EX. CL. 2A, INT. CL. 2B						WEIGHT	
MATERIAL						SHEET OF	
FINISH							

REVISIONS				
SYM	ZONE	EIR	DESCRIPTION	CHK DATE APPROVED
A		71697	SEE EIR	<i>[Signature]</i>

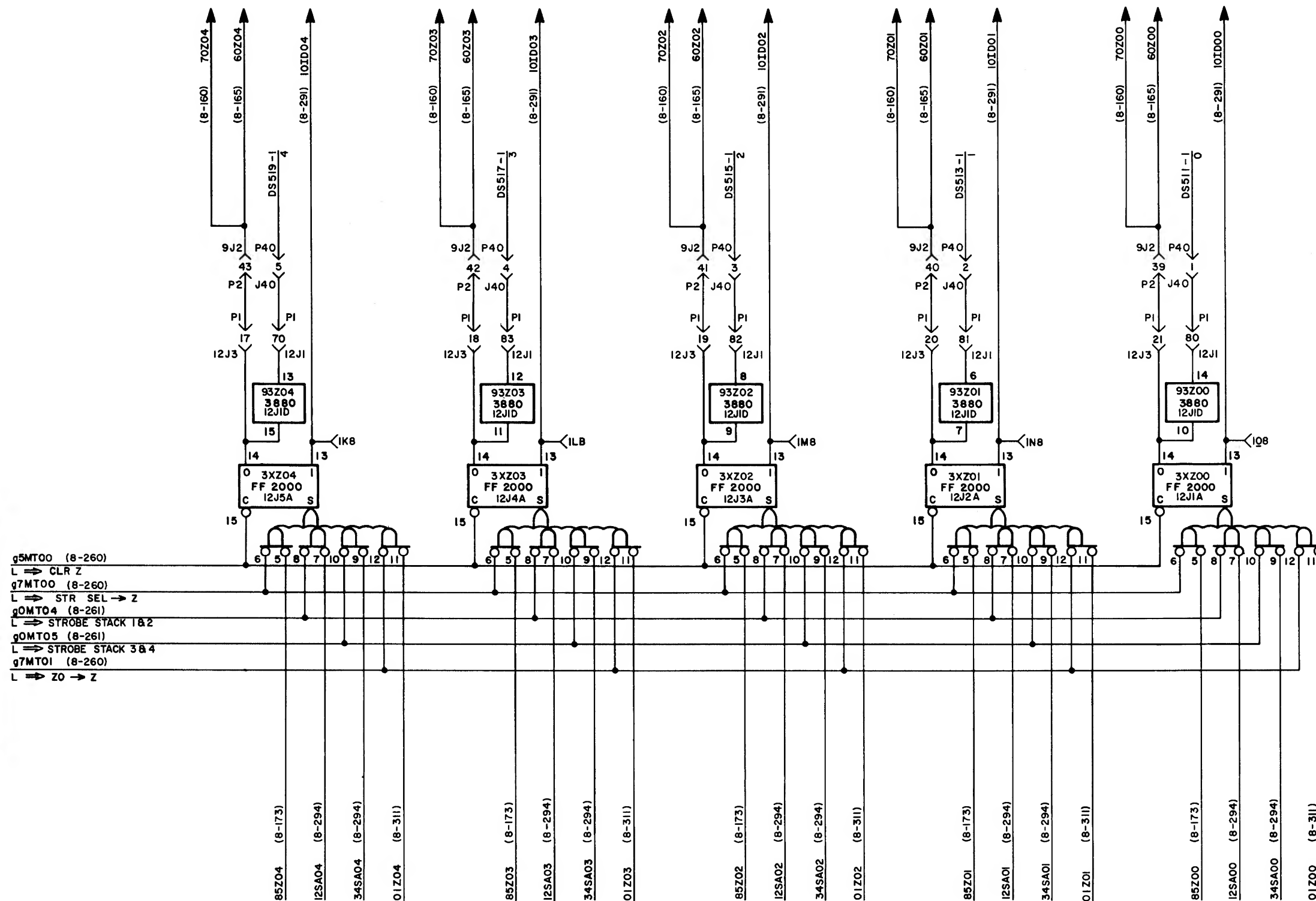


FIGURE 8-268

QTY	FIND	REF DES	CODE	DWG	PART OR	NOMENCLATURE OR DESCRIPTION
REQD			IDENT	SIZE	IDENTIFYING NO.	
LIST OF MATERIAL						
UNLESS OTHERWISE SPECIFIED					CLASS	
DIMENSION IN INCHES. TOLERANCE ON					A	
2 PLACE DECIMALS ±					TITLE	
3 PLACE DECIMALS ±					FUNCTIONAL SCHEMATIC,	
ANGLES ±					Z2 REGISTER BITS 00-04	
HOLE DIAMETER TOLERANCE					CODE IDENT NO.	
0 THRU .250 ± .003					90536	
.251 THRU .500 ± .005					SIZE	
.501 & LARGER ± .010					D	
THREADS: EXPT. CL. 2A, INT. CL. 2B					DWG NO.	
MATERIAL					7032867	
FINISH					SCALE	
APPLICATION					WEIGHT	
COMMODITY CODE					SHEET	
					OF	

IDENT NO. 7032867-00

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REVISIONS					
SYM	ZONE	EIR	DESCRIPTION	CHK	DATE
A		71697	SEE EIR		
B		77405	SEE EIR		

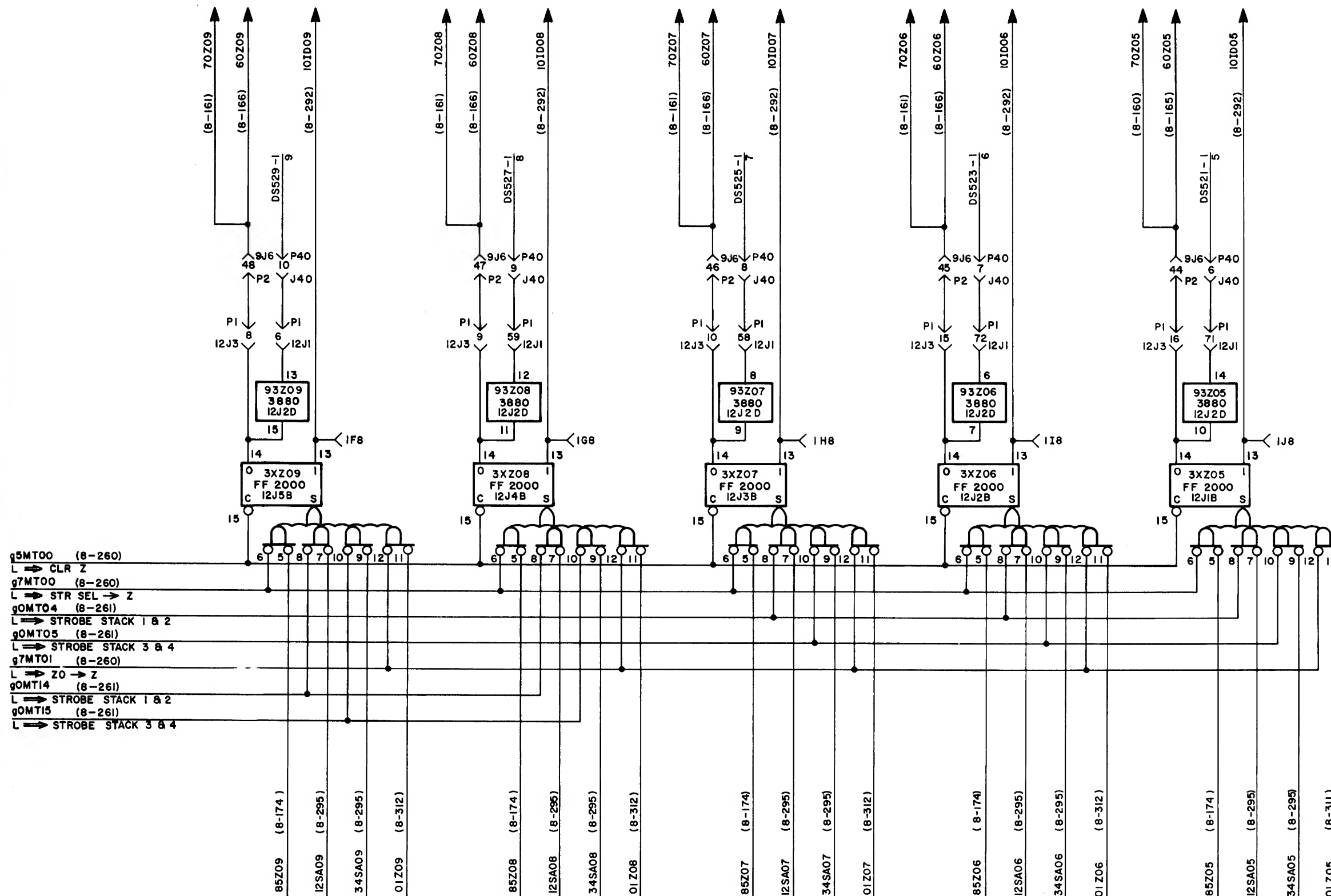


FIGURE 8-269

IDENT NO. 7032868-00

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UNLESS OTHERWISE SPECIFIED		LAYOUT		DATE		CLASS	
DIMENSION IN INCHES. TOLERANCE ON 3 PLACE DECIMALS		DRAFTSMAN		2-18-65		A	
HOLE DIAMETER TOLERANCE		R. BRASKI					
0 THRU .250 +.003		CHECKER		B. POPOV			
.251 THRU .500 +.005		ENGINEER		R. SVOBODNY			
.501 & LARGER +.010		APPROVAL					
THREADS: EX. CL. 2A, INT. CL. 2B		COMMODITY CODE					
FINISH		APPLICATION					
		EQUIPMENT					
		NEXT ASSY					
LIST OF MATERIAL				UNIVAC			
TITLE				FUNCTIONAL SCHEMATIC, Z2 REGISTER BITS 05-09			
CODE IDENT NO.		SIZE		DWG NO.			
90536		D		7032868			
SCALE		WEIGHT		SHEET		OF 1	

REVISIONS				
SYM	ZONE	EIR	DESCRIPTION	CHK DATE APPROVED
A		71697	SEE EIR	10/14/65
B		77406	SEE EIR	10/14/65

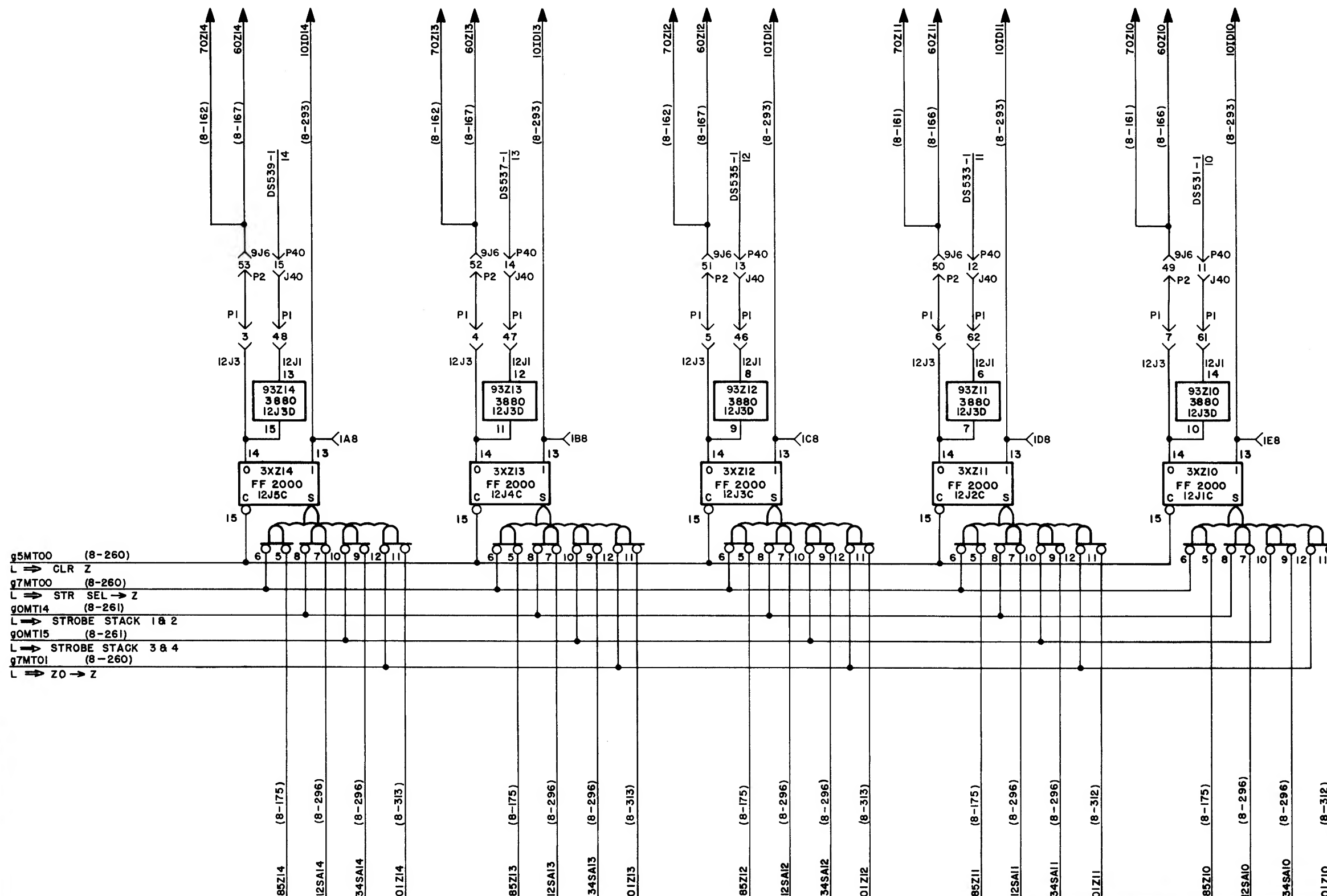


FIGURE 8-270

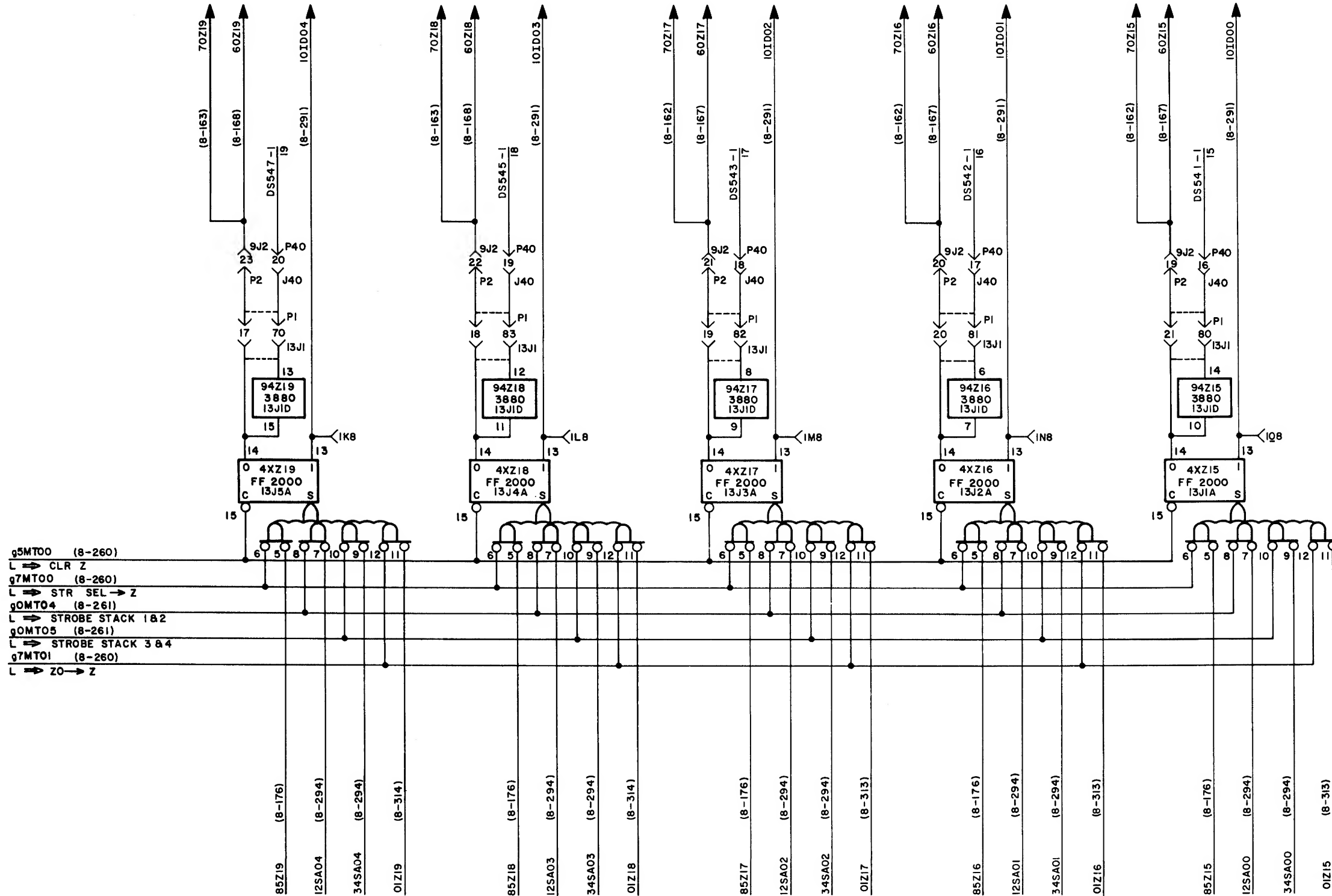
IDENT NO. 7032869 - 00

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UNLESS OTHERWISE SPECIFIED		LAYOUT		DATE		CLASS	
DIMENSION IN INCHES, TOLERANCE ON 2 PLACE DECIMALS		DRAFTSMAN		2-19-65		A	
HOLE DIAMETER TOLERANCE		R. BRASKI				TITLE	
0 THRU .250 +.003		CHECKER		B. POPOV		FUNCTIONAL SCHEMATIC, Z2 REGISTER BITS 10-14	
.251 THRU .500 +.005		ENGINEER		R. SVOBODNY		CODE IDENT NO.	
.501 & LARGER +.010		APPROVAL		[Signature]		SIZE	
THREADS: EXT. CL. 2A, INT. CL. 2B		FINISH				DWG NO.	
MATERIAL						90536 D 7032869	
NEXT ASSY		EQUIPMENT				WEIGHT	
APPLICATION						SHEET	
COMMODITY CODE						OF	

REVISIONS					
SYM	ZONE	EIR	DESCRIPTION	DATE	APPROVED



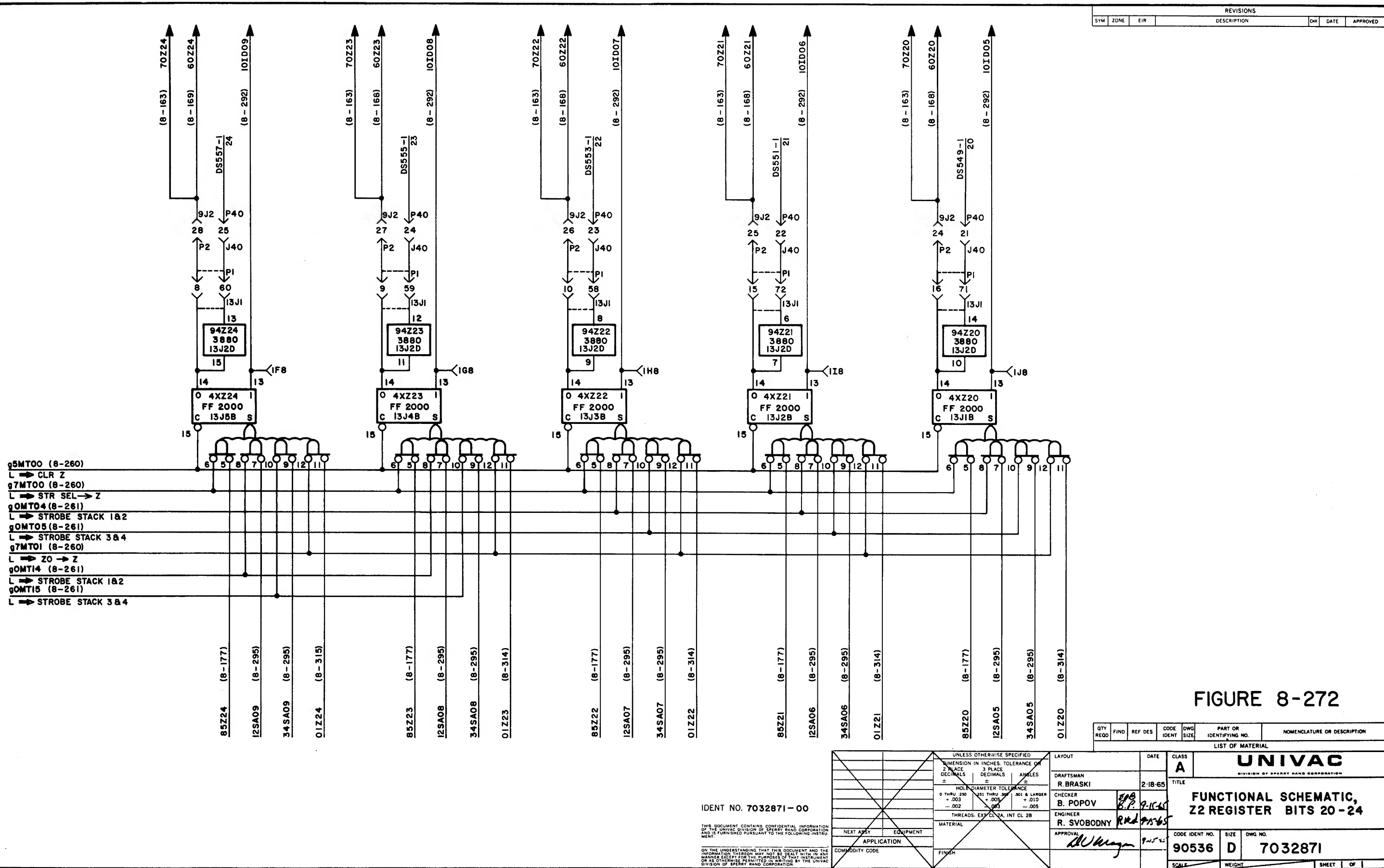
g5MT00 (8-260)
 L → CLR Z
 g7MT00 (8-260)
 L → STR SEL → Z
 gOMT04 (8-261)
 L → STROBE STACK 1 & 2
 gOMT05 (8-261)
 L → STROBE STACK 3 & 4
 g7MT01 (8-260)
 L → ZO → Z

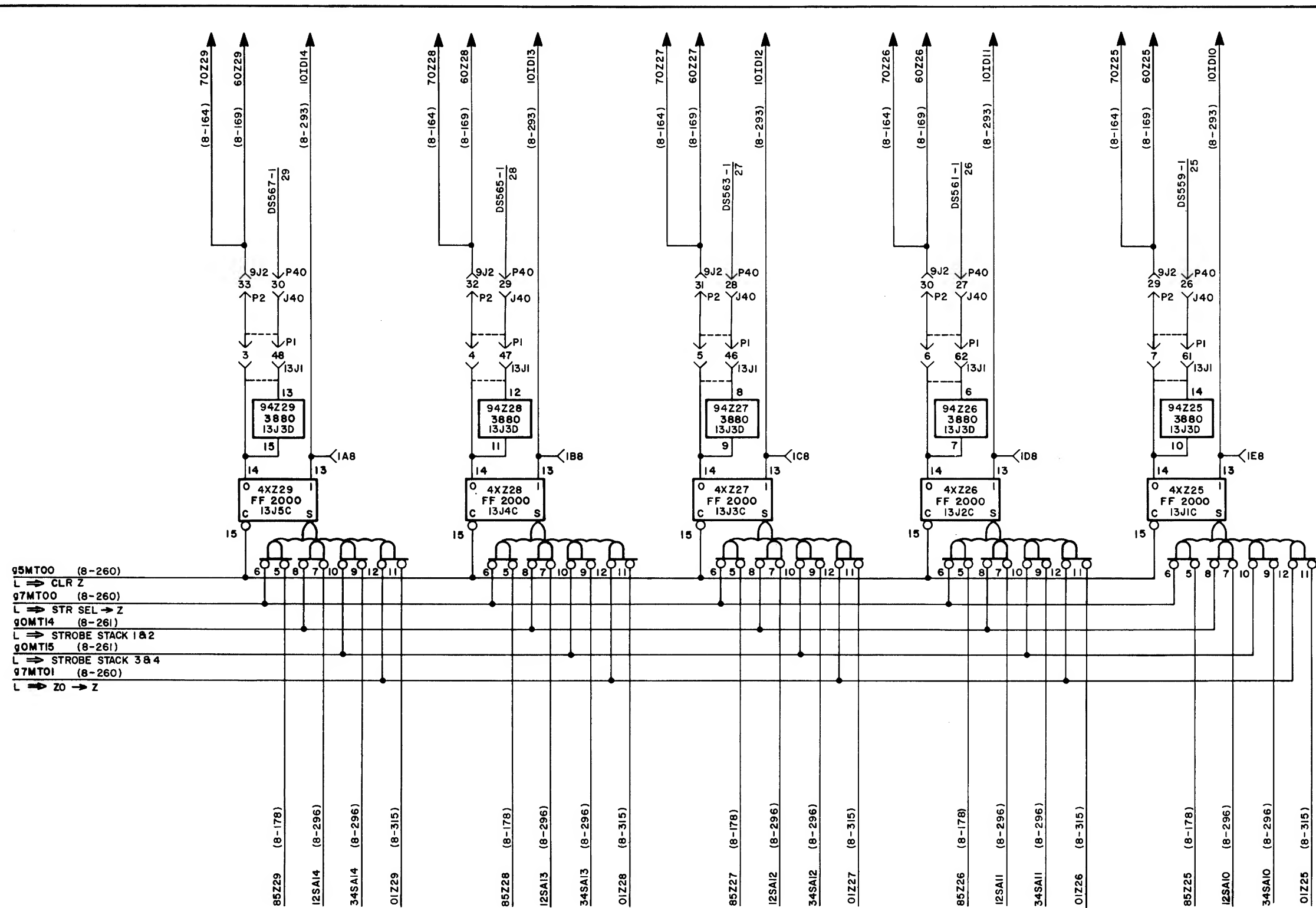
FIGURE 8-271

IDENT NO. 7032870-00

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 DIVISION OF SPERRY RAND CORPORATION

UNLESS OTHERWISE SPECIFIED		LAYOUT		DATE	CLASS	UNIVAC	
DIMENSION IN INCHES. TOLERANCE ON						DIVISION OF SPERRY RAND CORPORATION	
2 PLACE DECIMALS		3 PLACE DECIMALS					
HOLE DIAMETER TOLERANCE							
0 THRU .250		.251 THRU .500					
+ .003		+ .005					
- .002		- .005					
THREADS		EXT. CL. INT. CL. 2B					
MATERIAL							
FINISH							
NEXT ASSY		EQUIPMENT					
APPLICATION							
COMMODITY CODE							
DRAFTSMAN		R. BRASKI					
CHECKER		B. POPOV					
ENGINEER		R. SVOBODNY					
APPROVAL		DU Wagon					
TITLE		FUNCTIONAL SCHEMATIC, Z2 REGISTER BITS 15-19					
CODE IDENT NO.		90536					
SIZE		D					
DWG NO.		7032870					
SCALE							
WEIGHT							
SHEET		OF					





95MT00 (8-260)
L → CLR Z
97MT00 (8-260)
L → STR SEL → Z
90MT14 (8-261)
L → STROBE STACK 1 & 2
90MT15 (8-261)
L → STROBE STACK 3 & 4
97MT01 (8-260)
L → ZO → Z

85Z29 (8-176)
12SA14 (8-296)
34SA14 (8-296)
01Z29 (8-315)

85Z28 (8-176)
12SA13 (8-296)
34SA13 (8-296)
01Z28 (8-315)

85Z27 (8-176)
12SA12 (8-296)
34SA12 (8-296)
01Z27 (8-315)

85Z26 (8-176)
12SA11 (8-296)
34SA11 (8-296)
01Z26 (8-315)

85Z25 (8-176)
12SA10 (8-296)
34SA10 (8-296)
01Z25 (8-315)

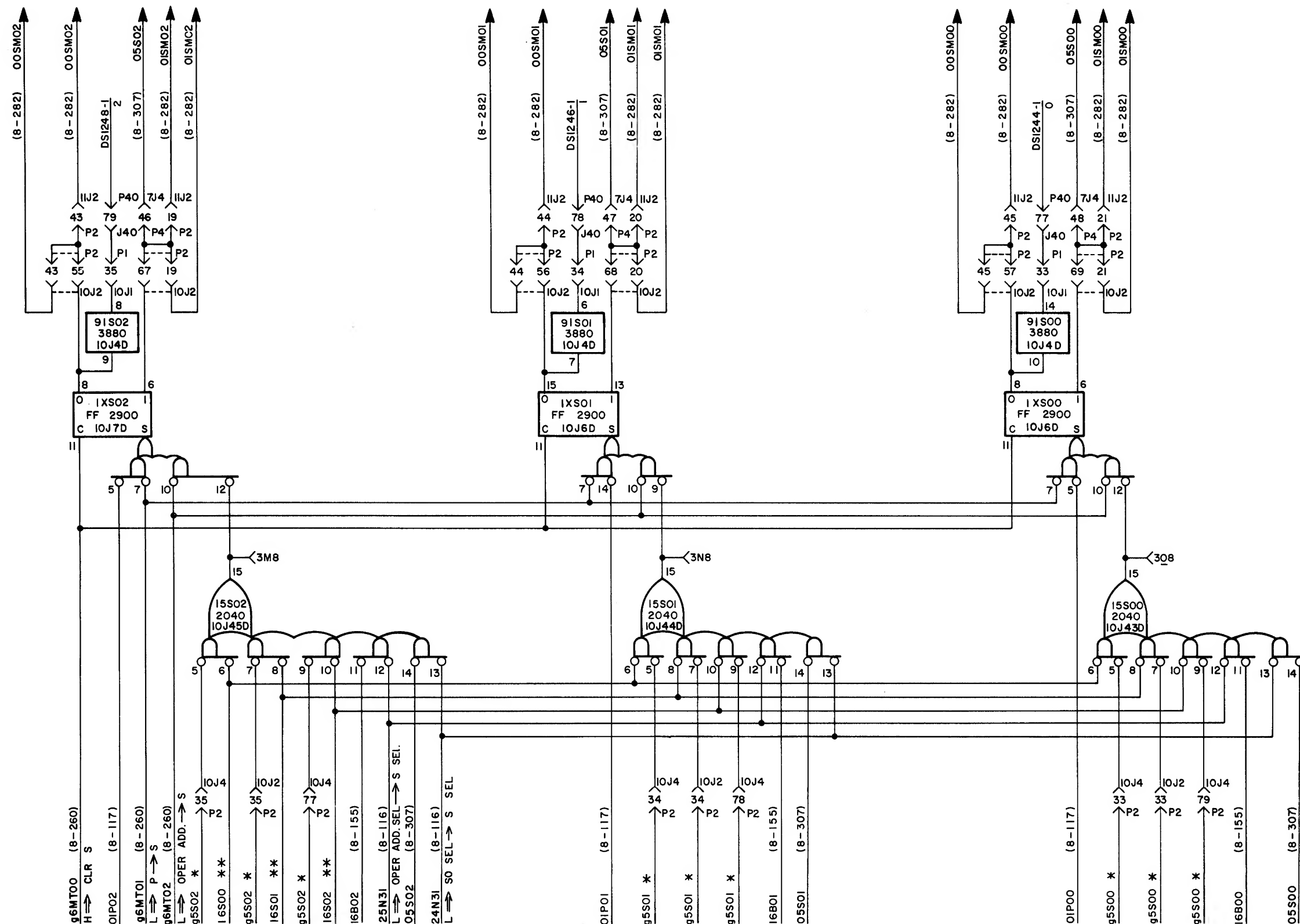
FIGURE 8-273

IDENT NO. 7032872-00

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UNLESS OTHERWISE SPECIFIED		LAYOUT		DATE		CLASS	
DIMENSION IN INCHES. TOLERANCE ON		DRAFTSMAN		2-19-65		A	
2 PLACE DECIMALS ±		R. BRASKI					
3 PLACE DECIMALS ±		CHECKER		B. POPOV			
ANGLES ±		ENGINEER		R. SVOBODNY			
HOLE DIAMETER TOLERANCE		APPROVAL		[Signature]			
0 THRU .250 ± .005							
.251 THRU .500 ± .005							
.501 & LARGER ± .010							
- .002							
- .003							
- .005							
THREADS: EXT. CL. 2A, INT. CL. 2B							
MATERIAL							
FINISH							
NEXT ASSY							
EQUIPMENT							
APPLICATION							
COMMODITY CODE							
LIST OF MATERIAL				TITLE			
QTY REQD				FUNCTIONAL SCHEMATIC, Z2 REGISTER BITS 25-29			
FIND				CODE IDENT NO. 90536			
REF DES				SIZE D			
CODE IDENT				DWG NO. 7032872			
DWG SIZE				SCALE			
PART OR IDENTIFYING NO.				WEIGHT			
NOMENCLATURE OR DESCRIPTION				SHEET 1 OF 1			



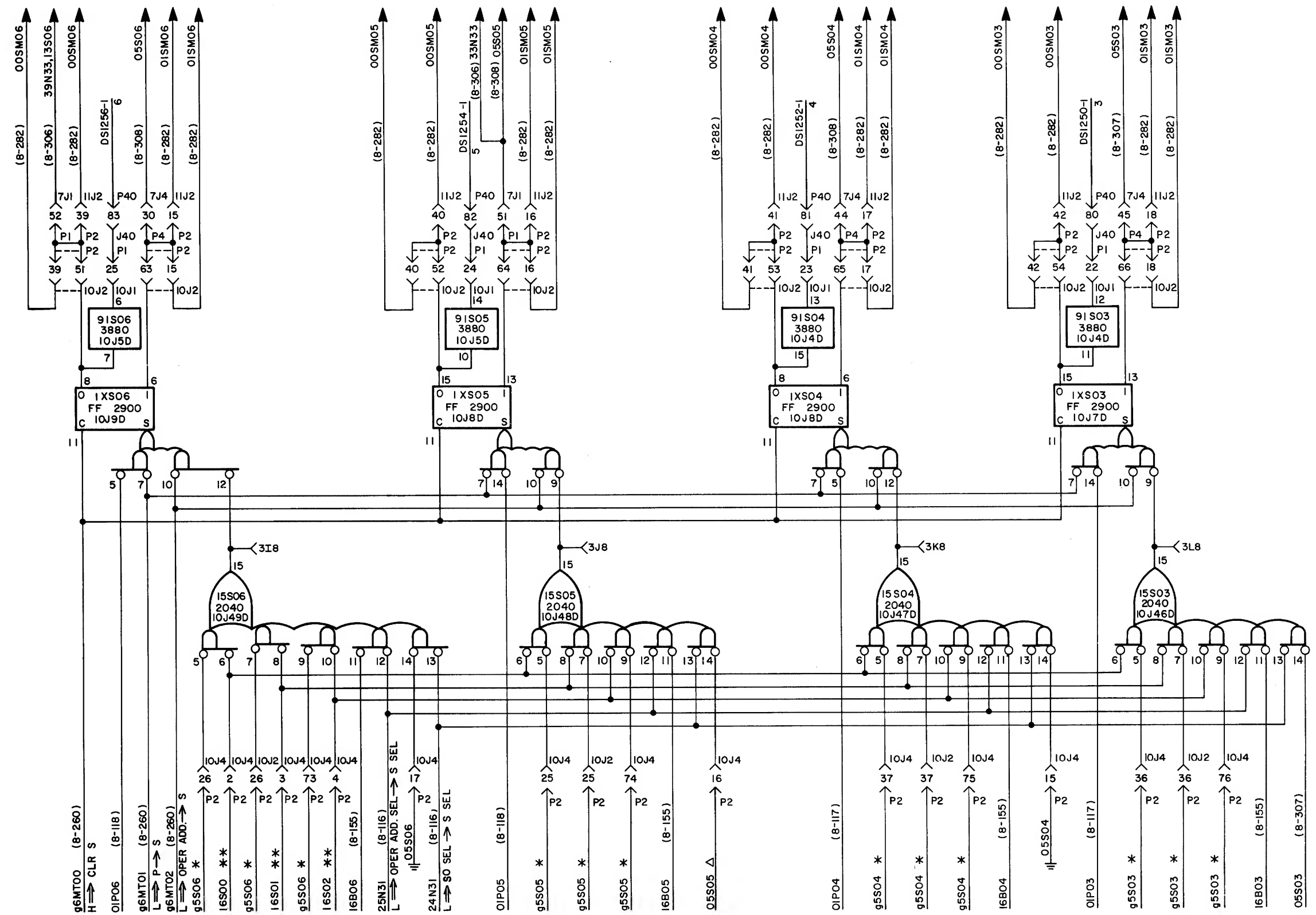
REVISIONS				
SYM	ZONE	EIR	DESCRIPTION	CHK DATE APPROVED
A		71697	SEE EIR	APR 10/21/65
B		77402	SEE EIR	APR 10/21/65

NOTE:
 1. * USED ONLY FOR EXTERNAL MEMORY.
 2. ** GROUNDED IF NOT USED FOR EXTERNAL MEMORY.

FIGURE 8-274

7032740-00

CLASS		DATE		LIST OF MATERIAL	
A		6-9-65		UNIVAC	
DRAFTSMAN		DATE		TITLE	
D.C. WHEELER		9/15/65		FUNCTIONAL SCHEMATIC,	
CHECKER		DATE		SI REGISTER	
B. POPOV		9/15/65		BITS 00 - 02	
APPROVER		DATE		CODE IDENT NO	
R. SVOBODNY		9/15/65		90536	
APPROVAL		DATE		SIZE	
DWG NO.		7032740		DWG NO.	
SCALE		WEIGHT		SHEET 1 OF 1	



REVISIONS					
REV	ZONE	LIR	DESCRIPTION	CHK	DATE
A		71697	SEE EIR		8/10/65
B		77403	SEE EIR		8/22/66

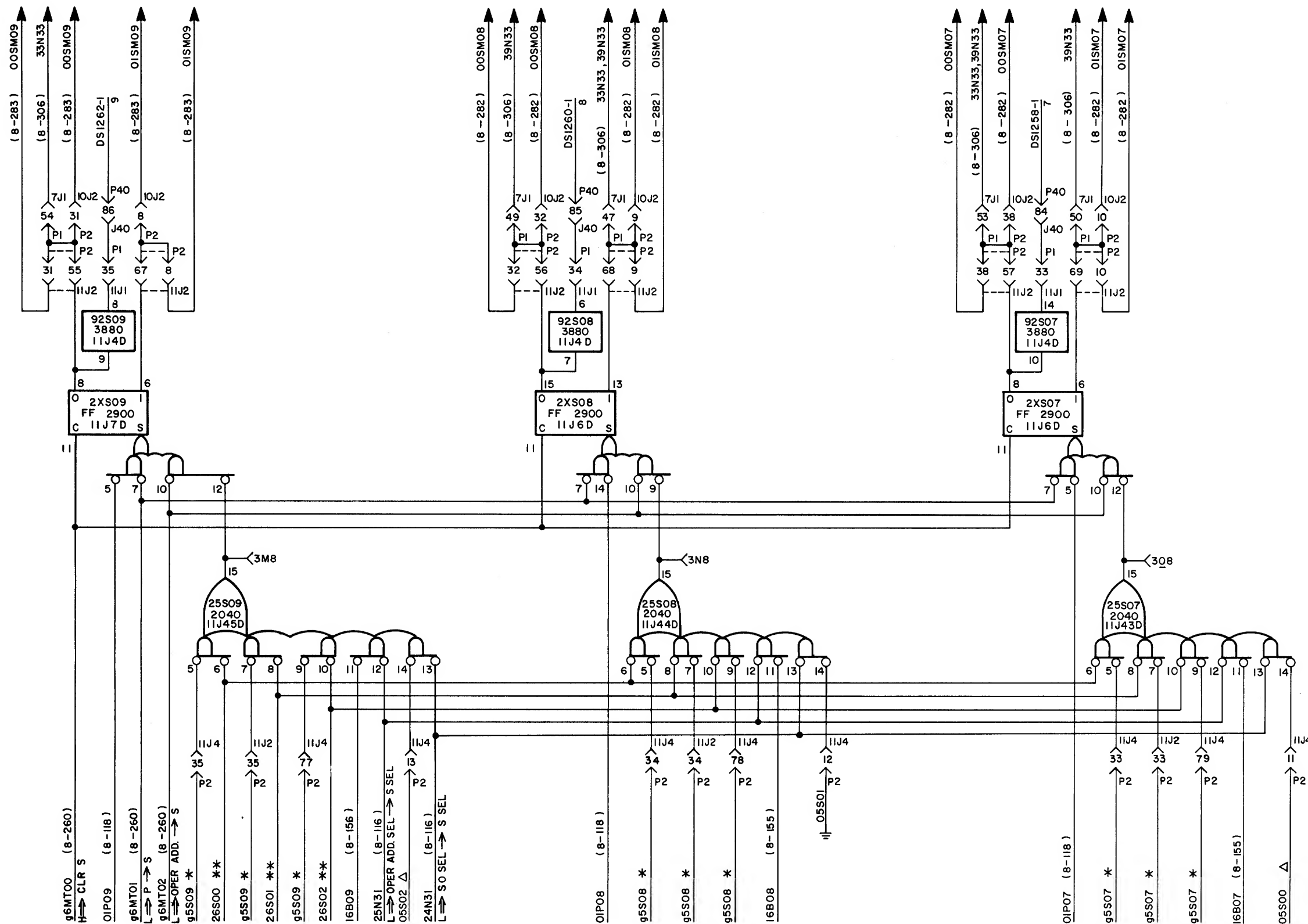
NOTE:
1. * USED ONLY FOR EXTERNAL MEMORY.
2. ** GROUNDED IF NOT USED FOR EXTERNAL MEMORY.
3. Δ NOT USED ON CHAS 10.

FIGURE 8-275

IDENT NO: 7032748-00

DATE		CLASS	UNIVAC	
6-9-65		A	DIVISION OF BERRY AND CORPORATION	
D.C. WHEELER		TITLE		
B. POPOV		FUNCTIONAL SCHEMATIC,		
R. SVOBODNY		SI REGISTER		
8/22/66		BITS 03-06		
CODE IDENT NO	SIZE	DWG NO		
90536	D	7032748		
SCALE	WEIGHT	SHEET	OF 1	

REVISIONS					
SYM	ZONE	EIR	DESCRIPTION	CHK	DATE
A		71697	SEE EIR		8/12/65
B		77403	SEE EIR		8/22/65



NOTE:
 1.* USED ONLY FOR EXTERNAL MEMORY
 2.** GROUNDED IF NOT USED FOR EXTERNAL MEMORY.
 3.Δ NOT USED ON CHAS 11.

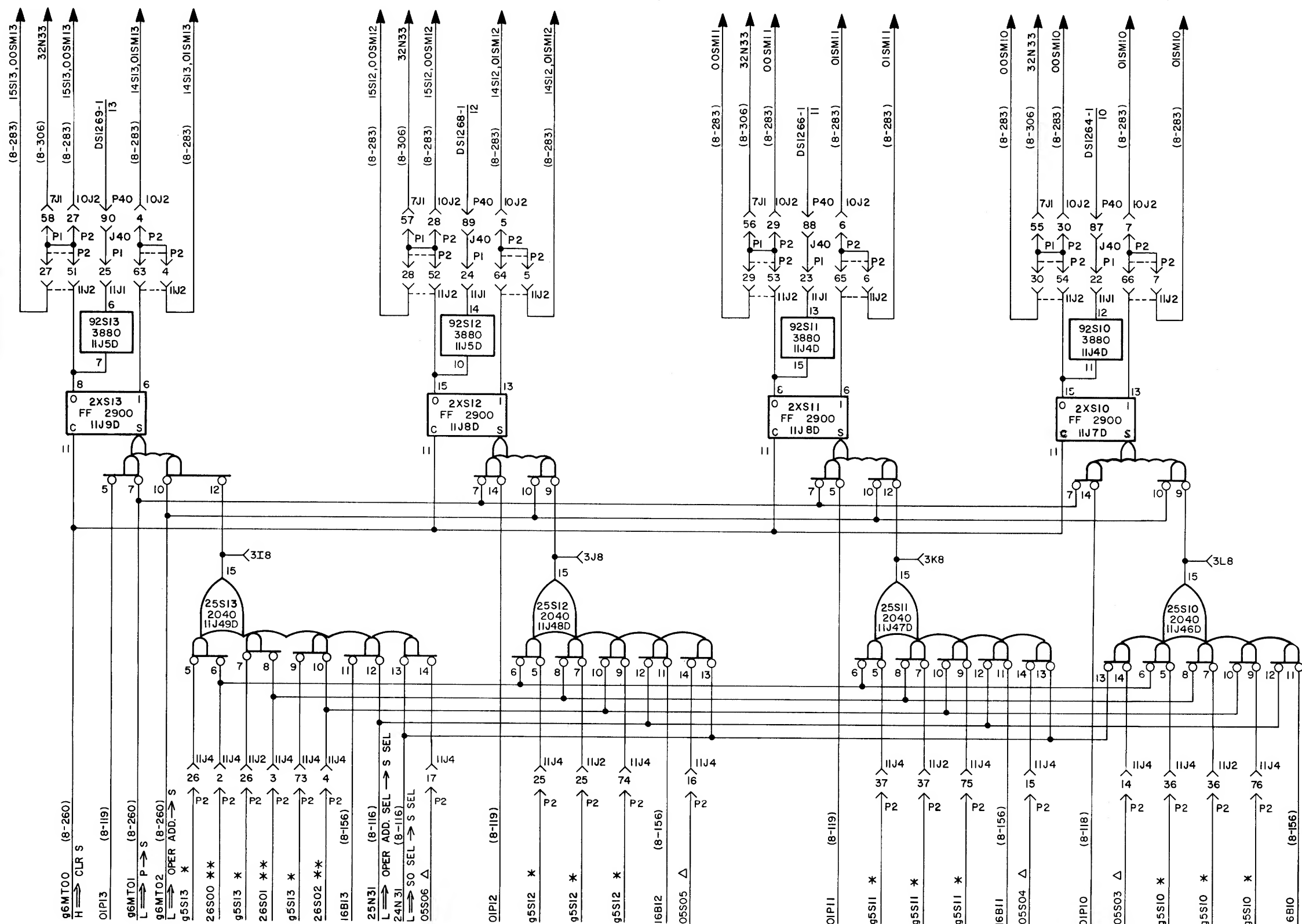
FIGURE 8-276

IDENT NO. 7032741-00

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DRAFTSMAN D.C. WHEELER		DATE 6-9-65	CLASS A
CHECKER B. POPOV		ENGINEER R. SVOBODNY	TITLE FUNCTIONAL SCHEMATIC, SI REGISTER BITS 07-09
APPROVAL [Signature]		CODE IDENT NO. 90536	SIZE D
DWG NO. 7032741		SHEET 1 OF 1	

REVISIONS				
REV	DATE	DESCRIPTION	APP'D	DATE
A	7/16/67	SEE EIR		
B	7/7/67	SEE EIR		

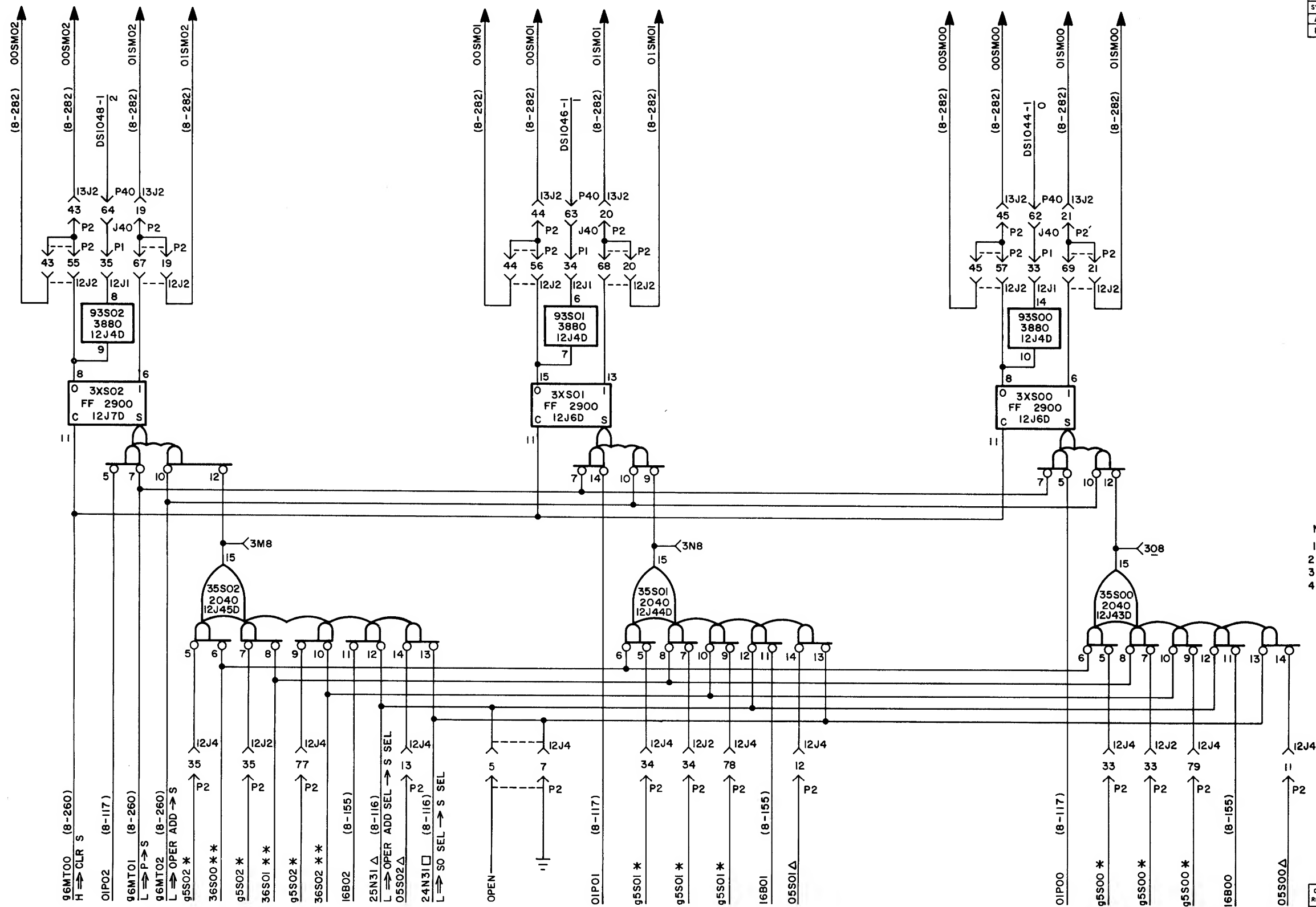


NOTE:
 1. * USED ONLY FOR EXTERNAL MEMORY
 2. ** GROUNDED IF NOT USED FOR EXTERNAL MEMORY.
 3. Δ NOT USED ON CHAS 11.

FIGURE 8-277

IDENT NO. 7032764-00

CLASS		A	
TITLE		FUNCTIONAL SCHEMATIC, SI REGISTER BITS 10-13	
DATE	6-9-65	CODE IDENT NO.	90536
DESIGNER	D.C. WHEELER	SIZE	D
CHECKED	B. POPOV	DWG NO.	7032764
APPROVED	R. SVOBODNY	SCALE	
APPROVED		SHEET 1 OF 1	



REVISIONS				
SYM	ZONE	EIR	DESCRIPTION	CHK DATE APPROVED
A		71697	SEE EIR	10/15/65
B		77405	SEE EIR	11/25/66

- NOTE:
1. * USED ONLY FOR EXTERNAL MEMORY.
 2. ** GROUNDED IF NOT USED FOR EXTERNAL MEMORY.
 3. Δ NOT USED ON CHASSIS 12.
 4. □ THIS NET GROUNDED ON CHASSIS 12 AND 13 ONLY.

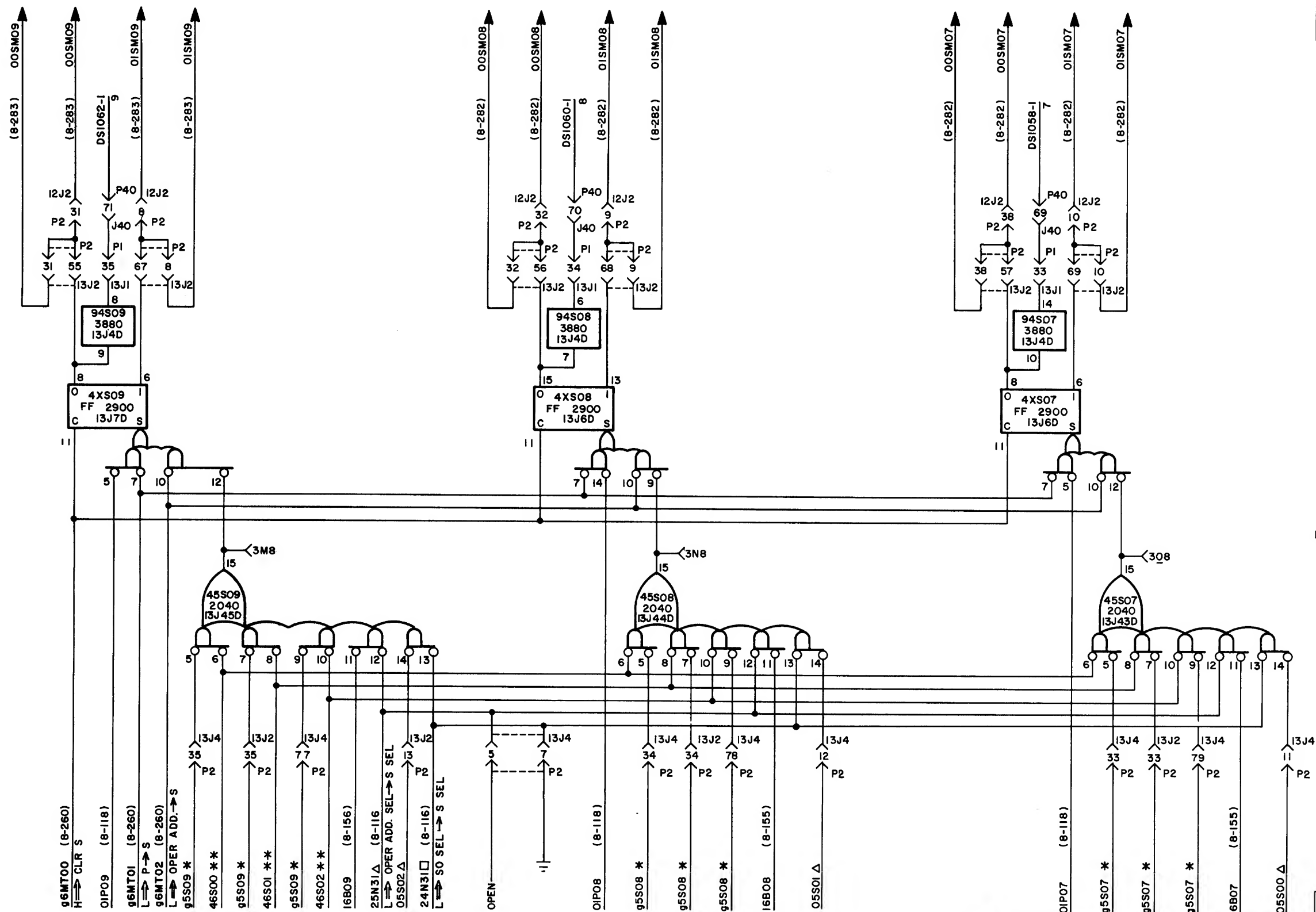
FIGURE 8-278

IDENT NO. 7032863-00

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION AND IS FURNISHED PURSUANT TO THE FOLLOWING INSTRUMENT:

ON THE UNDERSTANDING THAT THIS DOCUMENT AND THE INFORMATION THEREON MAY NOT BE DEALT WITH IN ANY MANNER EXCEPT FOR THE PURPOSES OF THAT INSTRUMENT OR AS OTHERWISE PERMITTED IN WRITING BY THE UNIVAC DIVISION OF SPERRY RAND CORPORATION.

UNLESS OTHERWISE SPECIFIED		LAYOUT		DATE		CLASS	
DIMENSION IN INCHES. TOLERANCE ON 2 PLACE DECIMALS ± .005		DRAFTSMAN		6-9-65		A	
HOLE DIAMETER TOLERANCE 0 THRU .250 ± .003 .251 THRU .500 ± .005 .501 & LARGER ± .010		D.C. WHEELER				TITLE	
THREADS: EX. CL. 2A, INT. CL. 2B		CHECKER		B.P. 9-15-65		FUNCTIONAL SCHEMATIC, S2 REGISTER BITS 00-02	
MATERIAL		ENGINEER		R. SVOBODNY		CODE IDENT NO. 90536	
FINISH		APPROVAL		D.C. Wheeler		SIZE D	
APPLICATION		COMMODITY CODE				DWG NO. 7032863	
						SCALE	
						WEIGHT	
						SHEET 1 OF 1	



REVISIONS				
SYM	ZONE	EIR	DESCRIPTION	CHK DATE APPROVED
A		71698	SEE EIR	B. Popov 11/15/65
B		77405	SEE EIR	R. Svobodny 11/15/65

- NOTE:
1. * USED ONLY FOR EXTERNAL MEMORY
 2. * * GROUNDED IF NOT USED FOR EXTERNAL MEMORY.
 3. Δ NOT USED ON CHASSIS 13.
 4. □ THIS NET GROUNDED ON CHASSIS 12 AND 13 ONLY.

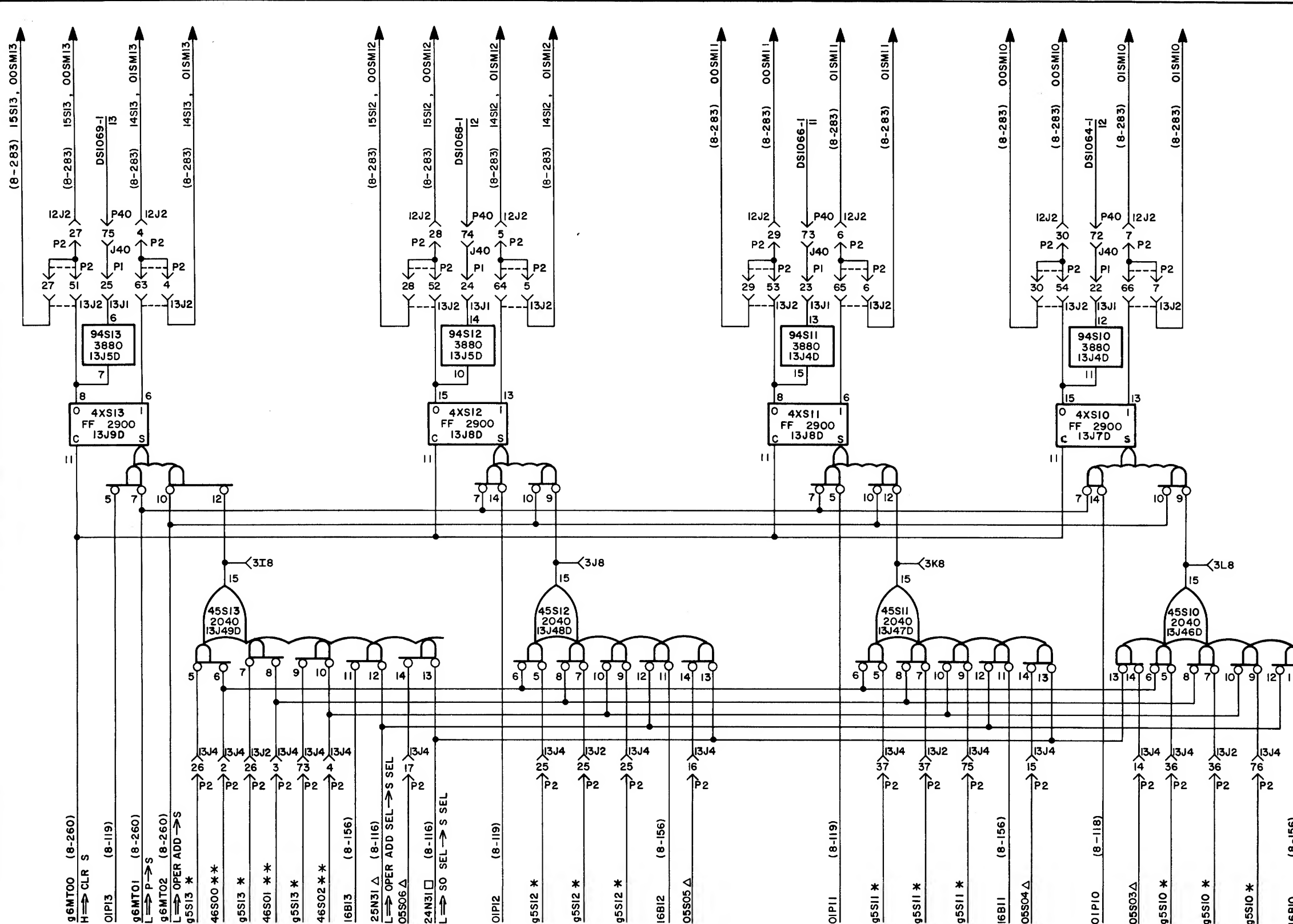
FIGURE 8-280

IDENT NO. 7032865-00

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION AND IS FURNISHED PURSUANT TO THE FOLLOWING INSTRUMENT:

ON THE UNDERSTANDING THAT THIS DOCUMENT AND THE INFORMATION THEREON MAY NOT BE DISCLOSED IN ANY MANNER EXCEPT FOR THE PURPOSES OF THAT INSTRUMENT OR AS OTHERWISE PERMITTED IN WRITING BY THE UNIVAC DIVISION OF SPERRY RAND CORPORATION.

UNLESS OTHERWISE SPECIFIED		LAYOUT		DATE		CLASS	
DIMENSION IN INCHES. TOLERANCE ON 2 PLACE DECIMALS		3 PLACE DECIMALS		6-9-65		A	
HOLE DIAMETER TOLERANCE		THREADS: EX. CL. 2A, INT. CL. 2B		DRAFTSMAN		TITLE	
0 THRU .250 ±.003		.251 THRU .500 ±.005		D.C. WHEELER		FUNCTIONAL SCHEMATIC, S2 REGISTER BITS 07-09	
.501 & LARGER ±.010		FINISH		CHECKER		CODE IDENT NO.	
MATERIAL		APPLICATION		B. POPOV		SIZE	
NEXT ASSY		EQUIPMENT		ENGINEER		DWG NO.	
COMMODITY CODE		APPROVAL		R. SVOBODNY		7032865	
						SCALE	
						WEIGHT	
						SHEET 1 OF 1	



REVISIONS					
SYM	ZONE	EIR	DESCRIPTION	CHK	DATE
A		71698	SEE EIR		3/10/65
B		77405	SEE EIR		11/4/66

- NOTE:
1. * USED ONLY FOR EXTERNAL MEMORY
 2. ** GROUNDED IF NOT USED FOR EXTERNAL MEMORY.
 3. Δ NOT USED ON CHASSIS 13.
 4. □ THIS NET GROUNDED ON CHASSIS 12 AND 13 ONLY.

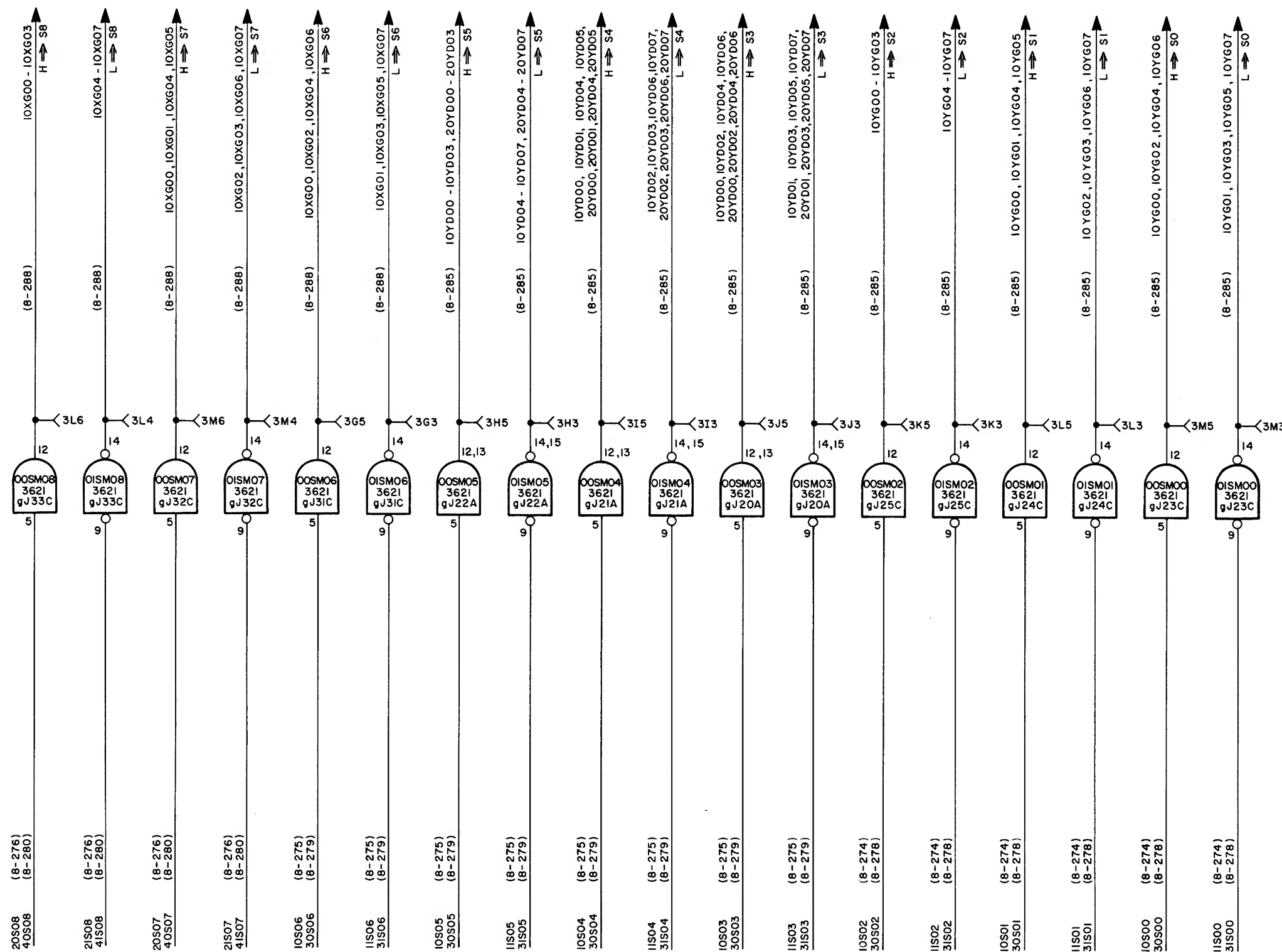
FIGURE 8-281

IDENT NO. 7032866-00

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION AND IS FURNISHED PURSUANT TO THE FOLLOWING INSTRUMENT:

ON THE UNDERSTANDING THAT THIS DOCUMENT AND THE INFORMATION THEREON MAY NOT BE DEALT WITH IN ANY MANNER EXCEPT FOR THE PURPOSES OF THAT INSTRUMENT OR AS OTHERWISE PERMITTED IN WRITING BY THE UNIVAC DIVISION OF SPERRY RAND CORPORATION.

UNLESS OTHERWISE SPECIFIED		LAYOUT		DATE		CLASS	
DIMENSION IN INCHES. TOLERANCE ON 2 PLACE DECIMALS		3 PLACE DECIMALS		3 PLACE DECIMALS		A	
HOLE DIAMETER TOLERANCE		0 THRU .250		.251 THRU .500		.501 & LARGER	
± .003		± .005		± .010		± .015	
THREADS: EXT. CL. 2A, INT. CL. 2B		MATERIAL		FINISH		APPROVAL	
NEXT ASST		EQUIPMENT		APPLICATION		COMMODITY CODE	
DRAFTSMAN		CHECKER		ENGINEER		APPROVAL	
D.C. WHEELER		B. POPOV		R. SVOBODNY		DU May 9-65	
TITLE		FUNCTIONAL SCHEMATIC, S2 REGISTER BITS 10-13		CODE IDENT NO.		SIZE	
90536		D		7032866		SHEET 1 OF 1	



REVISIONS				
SYM	ZONE	EIR	DESCRIPTION	DATE

NOTE:

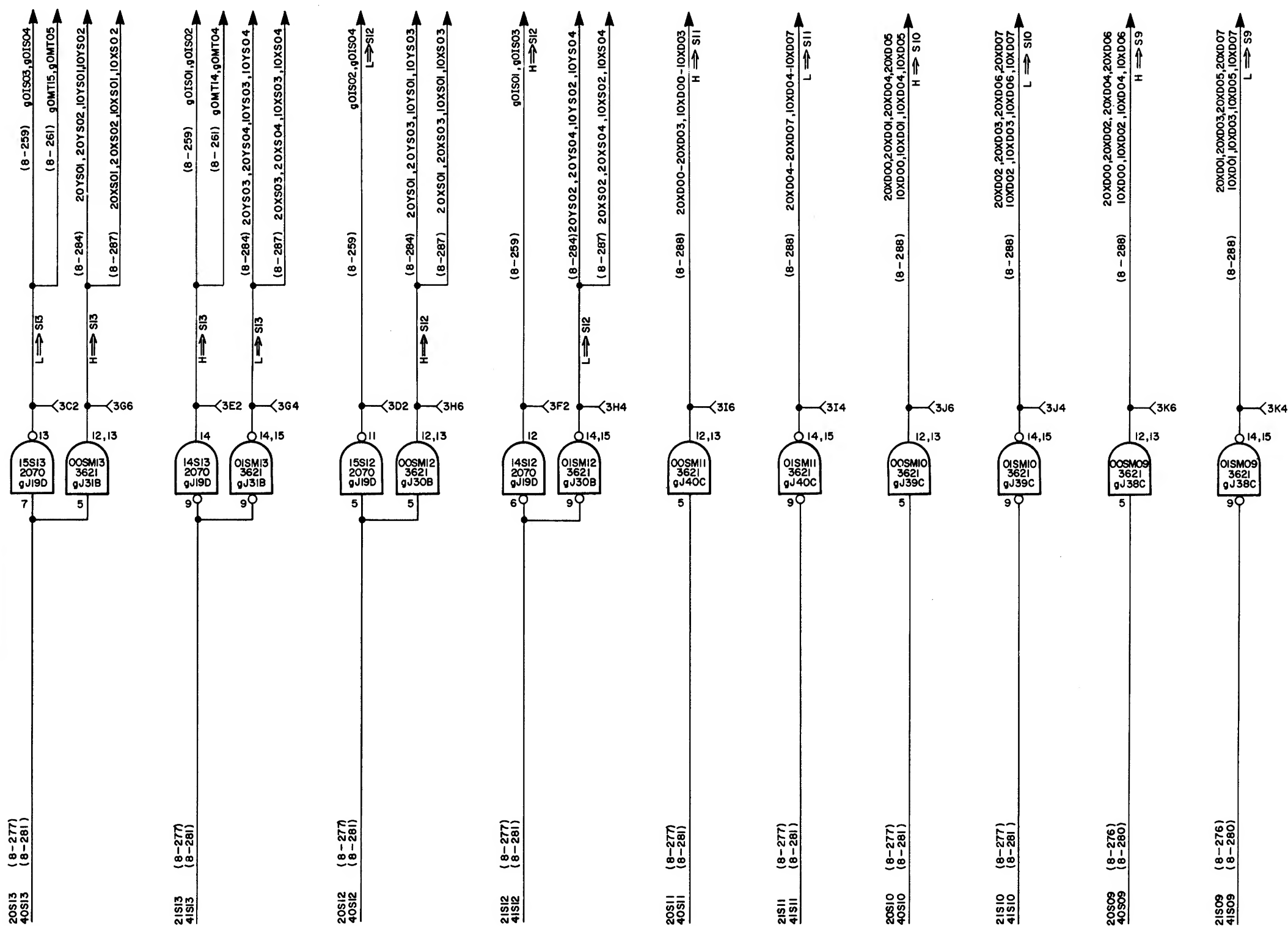
g	CHASSIS	REGISTER	INPUT
1	A10	S1 - LOWER	BITS 0 - 6
2	A11	S1 - UPPER	BITS 7 - 13
3	A12	S2 - LOWER	BITS 0 - 6
4	A13	S2 - UPPER	BITS 7 - 13

FIGURE 8-282

IDENT NO. 7032749 - 00

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION AND IS FURNISHED PURSUANT TO THE FOLLOWING INSTRUMENT:
ON THE UNDERSTANDING THAT THIS DOCUMENT AND THE INFORMATION THEREON MAY NOT BE DEALT WITH IN ANY MANNER EXCEPT FOR THE PURPOSES OF THAT INSTRUMENT OR AS OTHERWISE PERMITTED IN WRITING BY THE UNIVAC DIVISION OF SPERRY RAND CORPORATION.

UNLESS OTHERWISE SPECIFIED		LAYOUT		DATE	CLASS	LIST OF MATERIAL	
DIMENSION IN INCHES. TOLERANCE ON 2 PLACE DECIMALS		DRAFTSMAN		8-19-65	A	UNIVAC	
HOLD DIAMETER TOLERANCE		CHECKER				TITLE	
0 THRU .250		B. POPOV				FUNCTIONAL SCHEMATIC, S REGISTER SLAVES	
.251 THRU .500		ENGINEER				BITS 00 - 08	
.501 & LARGER		R. SVOBODNY				CODE IDENT NO.	
THREADS: EXT. CL. 2A, INT. CL. 2B		APPROVAL				SIZE	
MATERIAL		COMMODITY CODE				DWG NO.	
FINISH						7032749	
						SCALE	
						WEIGHT	
						SHEET	
						OF	



REVISIONS			
SYM	ZONE	ENR	DESCRIPTION

NOTE:

Q	CHASSIS	REGISTER	INPUT
1	A10	S1 - LOWER	BITS 0-6
2	A11	S1 - UPPER	BITS 7-13
3	A12	S2 - LOWER	BITS 0-6
4	A13	S2 - UPPER	BITS 7-13

FIGURE 8-283

IDENT NO. 7032750-00

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION AND IS FURNISHED PURSUANT TO THE FOLLOWING INSTRUMENT:
ON THE UNDERSTANDING THAT THIS DOCUMENT AND THE INFORMATION THEREON MAY NOT BE DEALT WITH IN ANY MANNER EXCEPT FOR THE PURPOSES OF THAT INSTRUMENT OR AS OTHERWISE PERMITTED IN WRITING BY THE UNIVAC DIVISION OF SPERRY RAND CORPORATION.

UNLESS OTHERWISE SPECIFIED		LAYOUT		DATE	CLASS
DIMENSION IN INCHES. TOLERANCE ON 2 PLACE DECIMALS		DRAFTSMAN		8-19-65	A
HOLE DIAMETER TOLERANCE		CHECKER		TITLE	
0 THRU .250 +.003		B. POPOV		FUNCTIONAL SCHEMATIC, S REGISTER SLAVES BITS 09-13	
.251 THRU .500 +.003		ENGINEER		CODE IDENT NO.	
.501 & LARGER +.010		R. SVOBODNY		90536	
THREADS: EXPT. CL. 2A, INT. CL. 2B		APPROVAL		SIZE	
MATERIAL		D. U. Morgan		D	
FINISH		DATE		DWG NO.	
NEXT ASSY		8-15-65		7032750	
EQUIPMENT		SCALE		WEIGHT	
APPLICATION		SHEET		OF 1	
COMMODITY CODE		UNIVAC		DIVISION OF SPERRY RAND CORPORATION	

REVISIONS				CHK	DATE	APPROVED
SYM	ZONE	EIR	DESCRIPTION			
A		71698	SEE EIR		8/15/65	

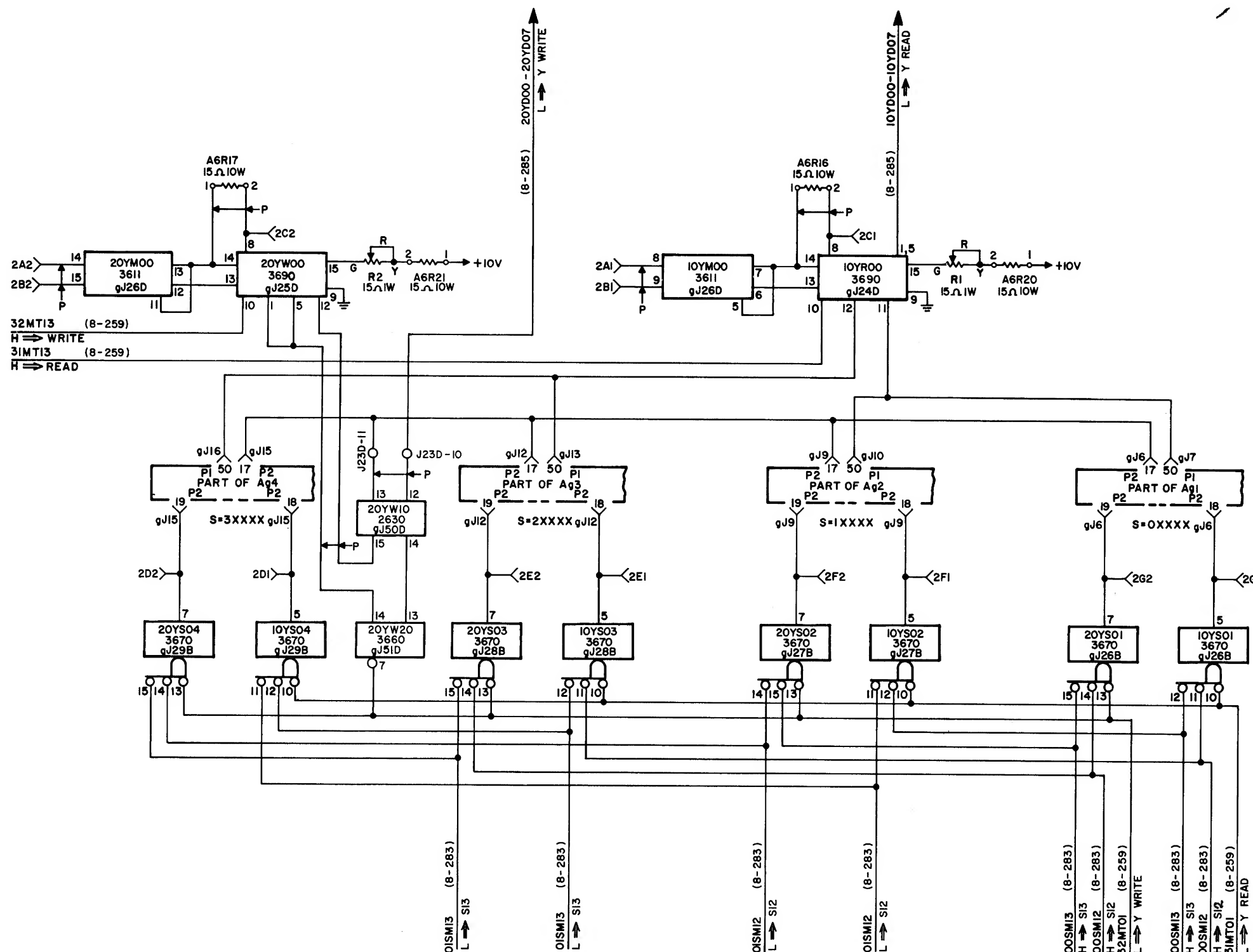


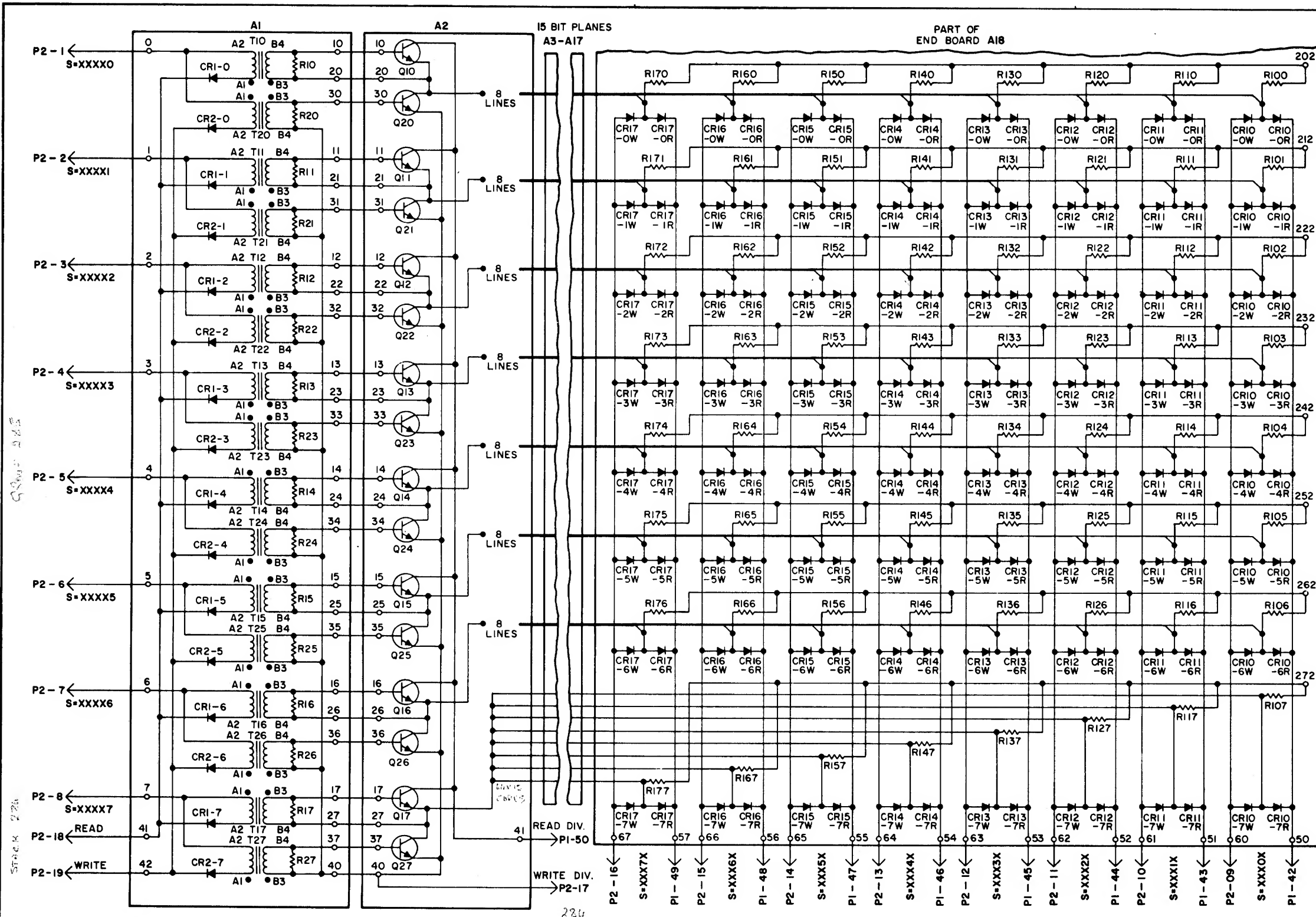
FIGURE 8-284

IDENT NO. 7032757-00

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION AND IS FURNISHED PURSUANT TO THE FOLLOWING INSTRUMENT:

ON THE UNDERSTANDING THAT THIS DOCUMENT AND THE INFORMATION THEREON MAY NOT BE REPRODUCED, COPIED, OR OTHERWISE PERMITTED IN WRITING BY THE UNIVAC DIVISION OF SPERRY RAND CORPORATION

UNLESS OTHERWISE SPECIFIED		LAYOUT		DATE	CLASS	LIST OF MATERIAL	
DIMENSION IN INCHES. TOLERANCE ON 2 PLACE DECIMALS 3 PLACE DECIMALS ANGLES		DRAFTSMAN			A	UNIVAC	
HOLE DIAMETER TOLERANCE 0 THRU .250 +.003 - .002 .251 THRU .500 +.010 - .005 .501 & LARGER +.010 - .005		CHECKER		3-24-65		DIVISION OF SPERRY RAND CORPORATION	
THREADS: EXT. CL. 2A, INT. CL. 2B		ENGINEER		9-15-65		FUNCTIONAL SCHEMATIC, Y STACK SELECTION	
MATERIAL		APPROVAL		9-15-65		CODE IDENT NO. 90536 SIZE D DWG NO. 7032757	
FINISH		COMMODITY CODE				SCALE WEIGHT SHEET 1 OF 1	



71698	SEE EIR	8/24/65	1/1
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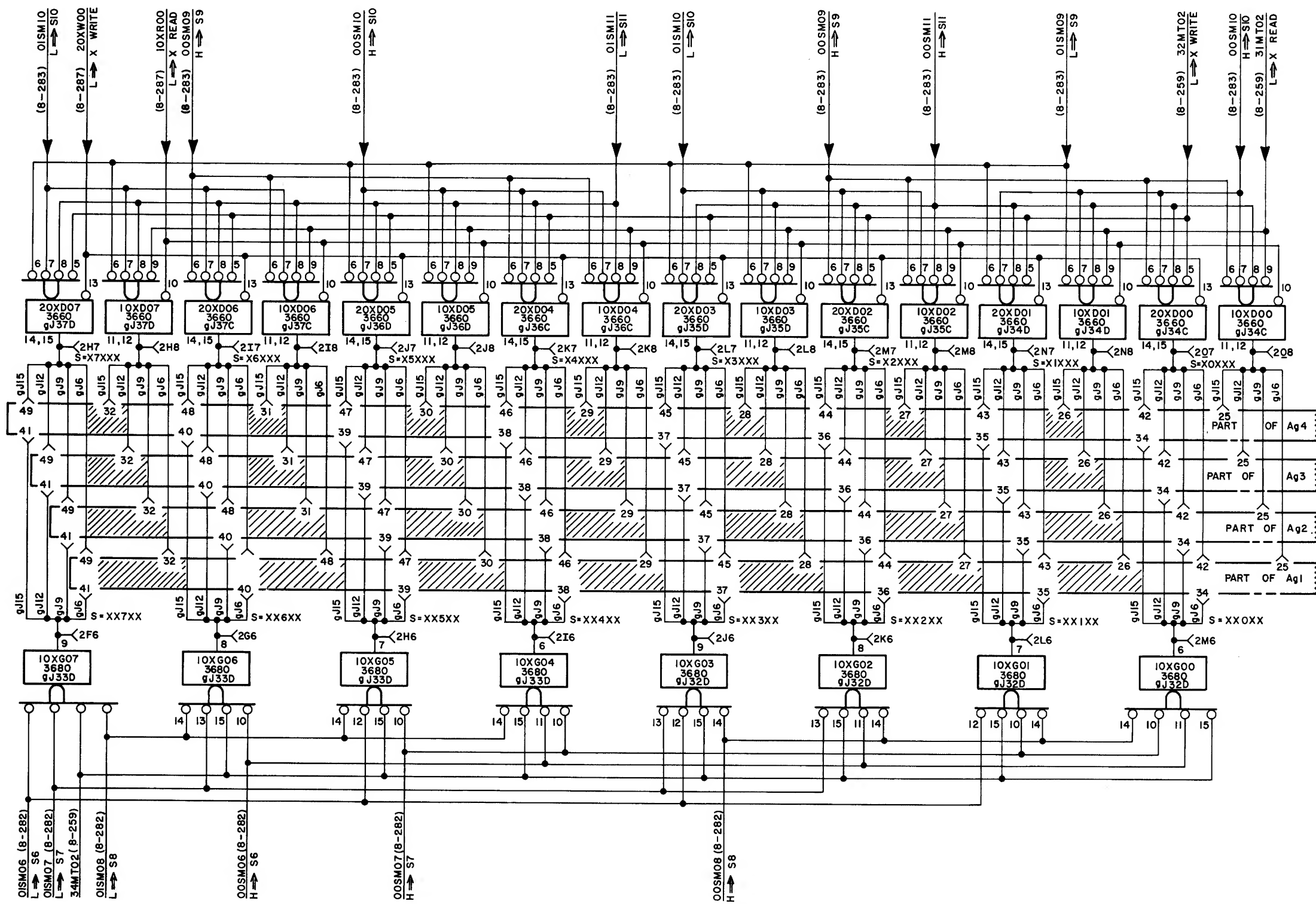
FIGURE 8-286

IDENT NO. 7032861-00

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION AND IS FURNISHED PURSUANT TO THE FOLLOWING INSTRUMENT:

ON THE UNDERSTANDING THAT THIS DOCUMENT AND THE INFORMATION THEREON MAY NOT BE DEALT WITH IN ANY MANNER EXCEPT FOR THE PURPOSES OF THAT INSTRUMENT OR AS OTHERWISE PERMITTED IN WRITING BY THE UNIVAC DIVISION OF SPERRY RAND CORPORATION.

UNLESS OTHERWISE SPECIFIED		LAYOUT		DATE		CLASS	
DIMENSION IN INCHES: TOLERANCE ON 2 PLACE DECIMALS		DRAFTSMAN		7/12/65		TITLE	
HOLE DIAMETER TOLERANCE		G. RICE				CORE MEMORY STACK Y AXIS DRIVE	
0 THRU .009		CHECKER				CODE IDENT NO.	
.010 THRU .009		B. POPOV				SIZE	
.010 THRU .009		ENGINEER				DWG NO.	
.010 THRU .009		R. SVOBODNY				90536	
THREADS: EX. CL. INT. CL. 28		APPROVAL				D	
MATERIAL		FINISH				7032861	
APPLICATION		COMMODITY CODE				SCALE	
						WEIGHT	
						SHEET	
						OF	



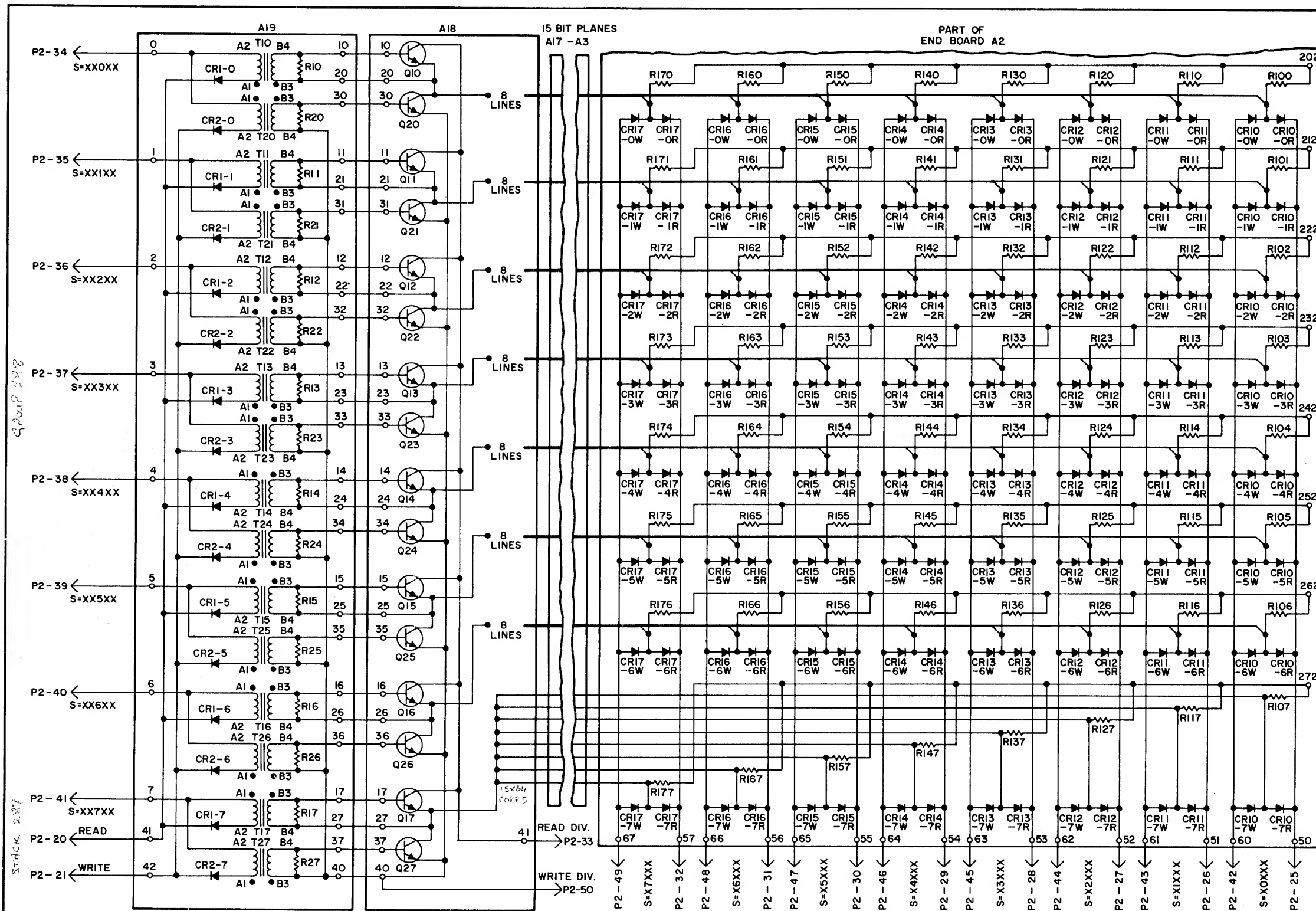
REVISIONS				
SYM	ZONE	EIR	DESCRIPTION	CHK DATE APPROVED

FIGURE 8-288

IDENT NO. 7032755-00

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION AND IS FURNISHED PURSUANT TO THE FOLLOWING INSTRUMENT:
ON THE UNDERSTANDING THAT THIS DOCUMENT AND THE INFORMATION THEREON MAY NOT BE REPRODUCED IN ANY MANNER EXCEPT FOR THE PURPOSES OF THAT INSTRUMENT OR AS OTHERWISE PERMITTED IN WRITING BY THE UNIVAC DIVISION OF SPERRY RAND CORPORATION.

UNLESS OTHERWISE SPECIFIED		LAYOUT		DATE	CLASS	UNIVAC	
DIMENSION IN INCHES, TOLERANCE OR 3 PLACE DECIMALS		R.R. PFUTZENREUTER		5-28-65	A	DIVISION OF SPERRY RAND CORPORATION	
HOLE DIAMETER TOLERANCE		CHECKER		TITLE		FUNCTIONAL SCHEMATIC, X DIODE AND GROUP ADDRESS TRANSLATION	
0 THRU .250 +.003		B. POPOV		CODE IDENT NO.		90536	
.251 THRU .500 +.005		ENGINEER		SIZE		D	
.501 & LARGER +.010		R. SVOBODNY		DWG NO.		7032755	
-.002 -.005 -.005		APPROVAL		SCALE		WEIGHT	
THREADS: EXT. CL. 2A, INT. CL. 2B		COMMODITY CODE		SHEET 1 OF 1			



REVISIONS				
SYM	ZONE	EIR	DESCRIPTION	DATE
A		71698	SEE EIR	11/11/65

4 PER CHASSIS
FIGURE 8-289

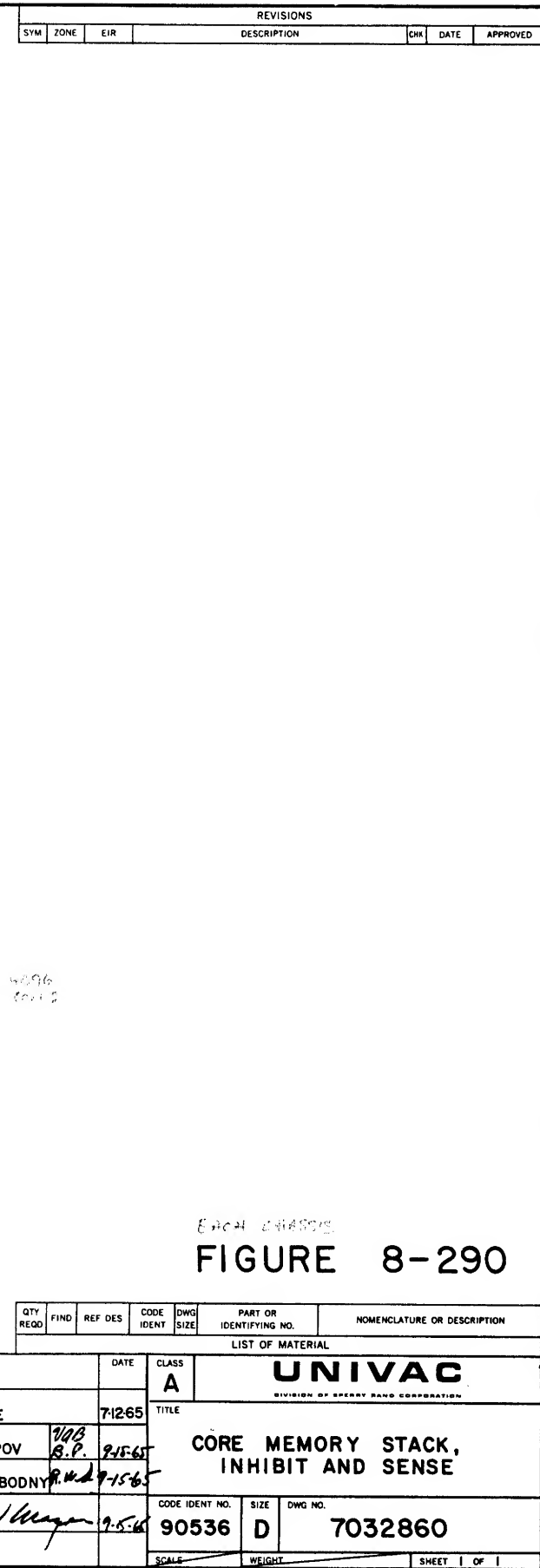
QTY	REQD	FIND	REF DES	CODE	DWG	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION
LIST OF MATERIAL							
UNIVAC				DIVISION OF SPERRY RAND CORPORATION			
DATE				CLASS			
7/12/65				A			
DRAFTSMAN				TITLE			
G. RICE				CORE MEMORY STACK, X AXIS DRIVE			
CHECKER				ENGINEER			
B. POPOV				R. SVOBODNY			
APPROVAL				DATE			
J. C. May				9/15/65			
CODE IDENT NO.				SIZE			
90536				D			
DWG NO.				7032862			
SCALE				WEIGHT			
SHEET				OF			

IDENT NO. 7032862-00

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION AND IS FURNISHABLE PURSUANT TO THE FOLLOWING INSTRUMENT:

ON THE UNDERSTANDING THAT THIS DOCUMENT AND THE INFORMATION THEREON MAY NOT BE DEALT WITH IN ANY MANNER EXCEPT FOR THE PURPOSES OF THAT INSTRUMENT OR AS OTHERWISE PERMITTED IN WRITING BY THE UNIVAC DIVISION OF SPERRY RAND CORPORATION.

UNLESS OTHERWISE SPECIFIED	
DIMENSION IN INCHES. TOLERANCE ON 2 PLACE DECIMALS	3 PLACE DECIMALS
± .003	± .005
± .002	± .005
HOLE DIAMETER TOLERANCE	
0 THRU .250	.251 THRU .500
± .003	± .005
± .002	± .005
THREADS: EXT. CL. INT. CL. 2B	
MATERIAL	
FINISH	
APPLICATION	
COMMODITY CODE	
NEXT ASSY	
EQUIPMENT	

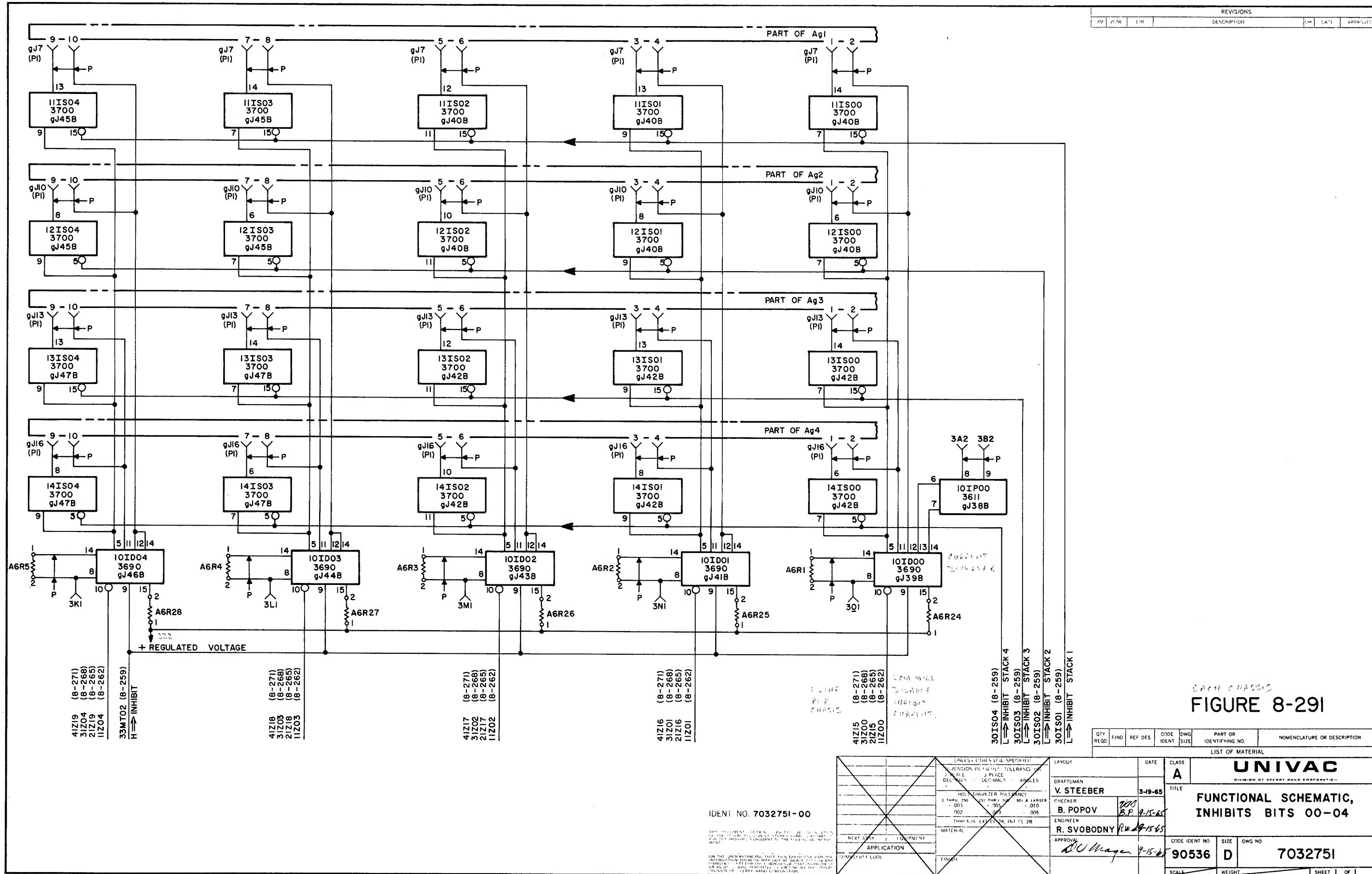


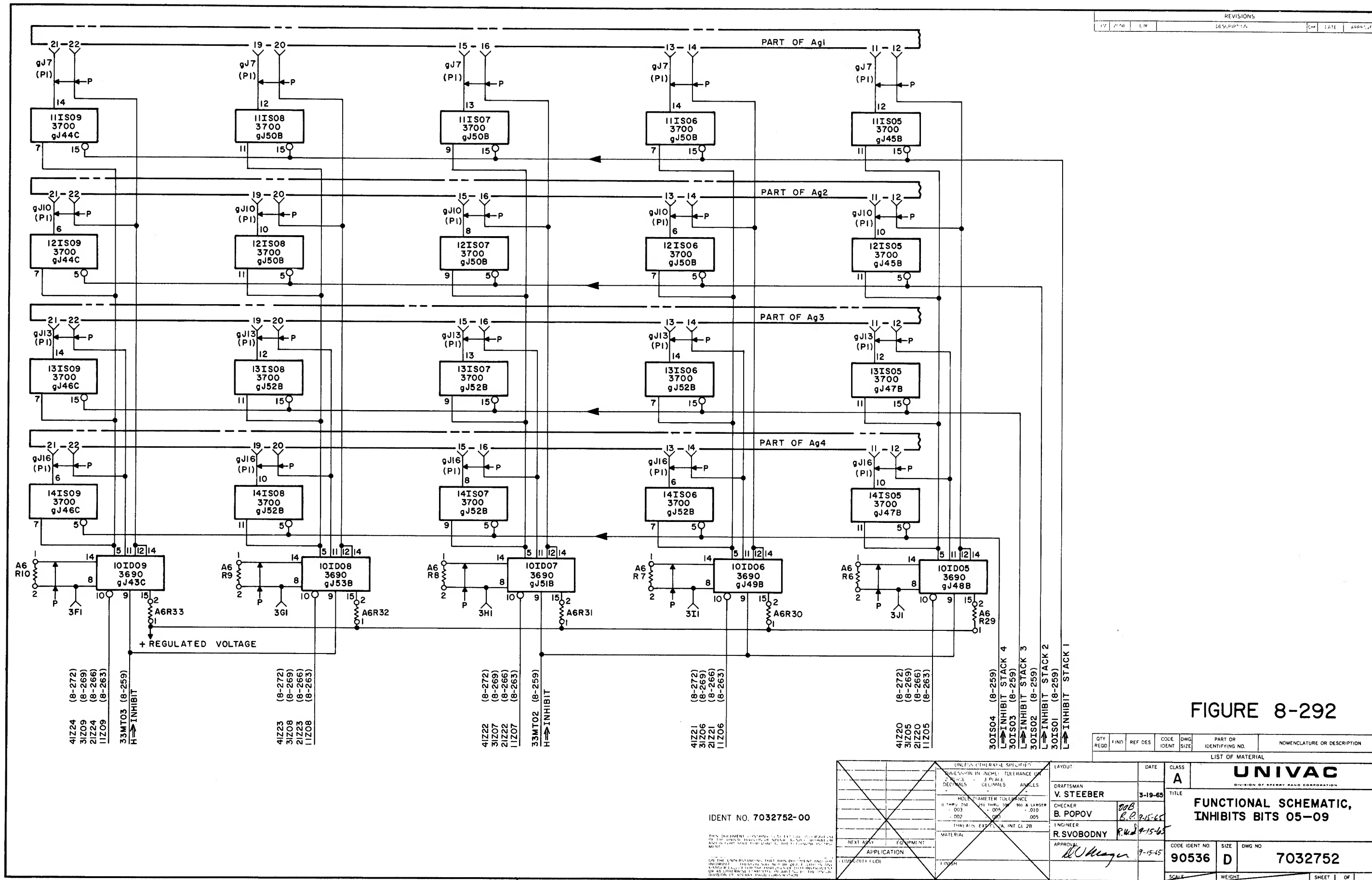
IDENT NO. 7032860-00

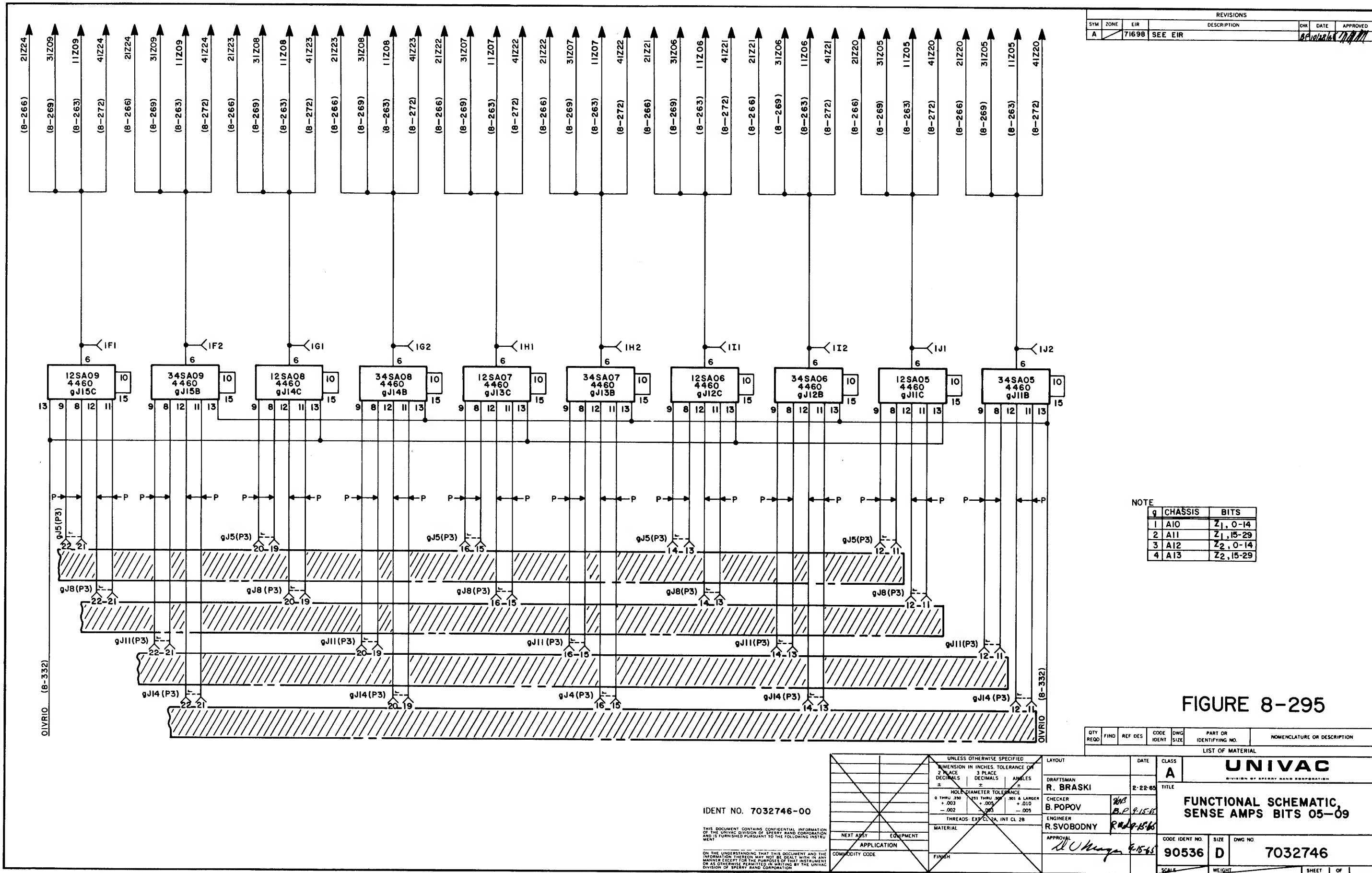
THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION
OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION
AND IS FURNISHED PURSUANT TO THE FOLLOWING INSTRUMENT:

ON THE UNDERSTANDING THAT THIS DOCUMENT AND THE INFORMATION THEREON MAY NOT BE DEALT WITH IN ANY MANNER EXCEPT FOR THE PURPOSES OF THAT INSTRUMENT OR AS OTHERWISE PERMITTED IN WRITING BY THE UNIVAC DIVISION OF SPERRY RAND CORPORATION.

THE RE G I S T E R I E S N O .				UNLESS OTHERWISE SPECIFIED			LAYOUT		DATE		CLASS		LIST OF MATERIAL					
				DIMENSION IN INCHES. TOLERANCE ON			DRAFTSMAN		7/26/55		A		 DIVISION OF SPERRY RAND CORPORATION					
				2 PLACE DECIMALS 3 PLACE DECIMALS ANGLES			G. RICE		TITLE									
				± ± ±			CHECKER		CORE MEMORY STACK, INHIBIT AND SENSE									
				HOLE DIAMETER TOLERANCE			B. POPOV											
				0 THRU .250 .151 THRU .500 .301 & LARGER -.003 +.005 +.010 -.002 -.003 -.005			103 B.P. 9-15-65											
				THREADS: EXT. CL. RA. INT. CL. 2B			ENGINEER		R. SVOBODNY		APPROV.		CODE IDENT NO.		SIZE DWG NO.			
				MATERIAL			R. SVOBODNY		9-15-65				90536		D 7032860			
				FINISH			NEXT ASSY		EQUIPMENT		COMMODITY CODE		SCALE		WEIGHT		SHEET OF	





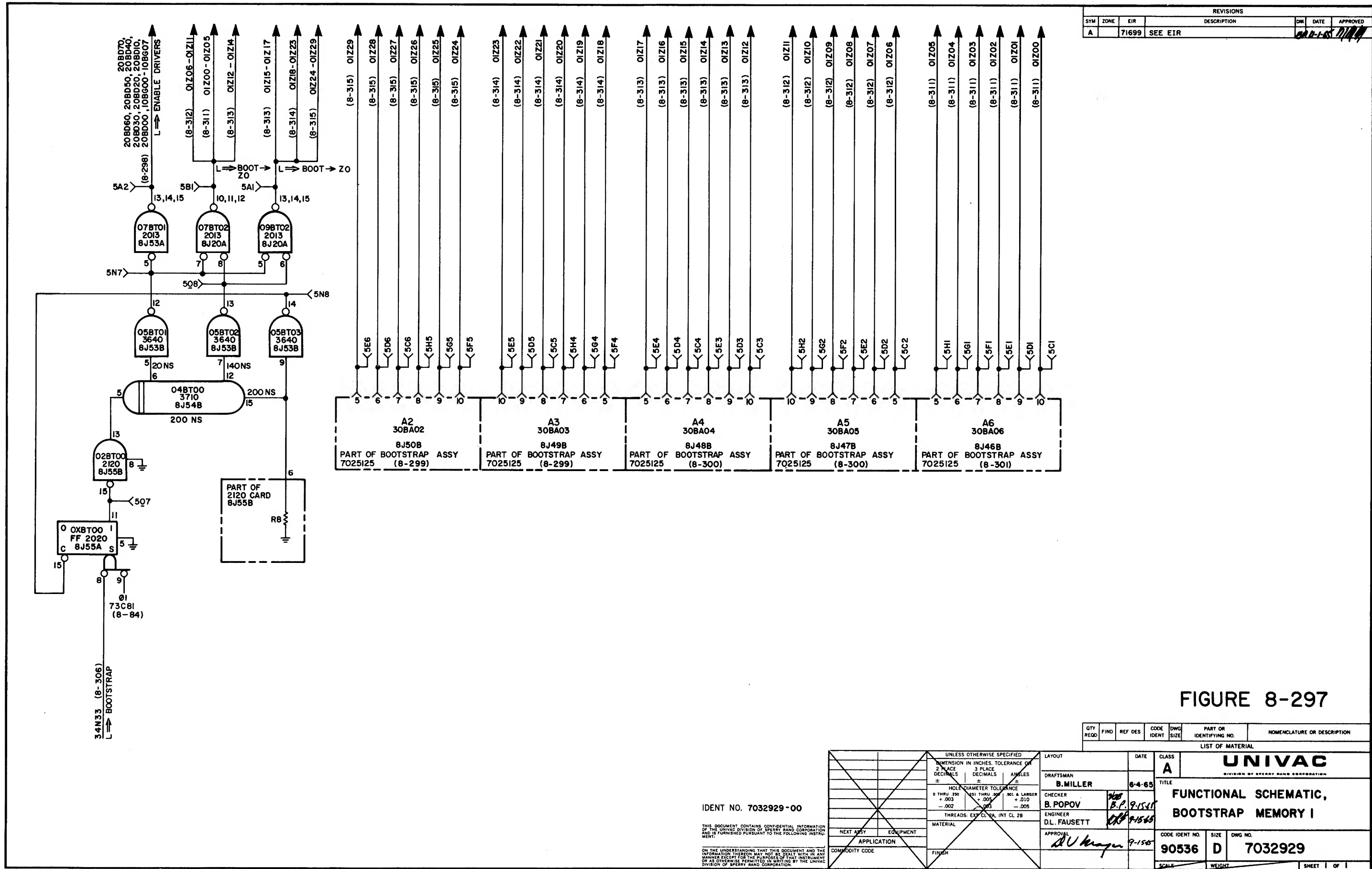


REVISIONS				
SYM	ZONE	EIR	DESCRIPTION	CHK DATE APPROVED
A		71698	SEE EIR	APPROVED

NOTE

q	CHASSIS	BITS
1	A10	Z1, 0-14
2	A11	Z1, 15-29
3	A12	Z2, 0-14
4	A13	Z2, 15-29

FIGURE 8-295



REVISIONS					
SYM	ZONE	EIR	DESCRIPTION	CHK	DATE
A		71699	SEE EIR		8-11-65

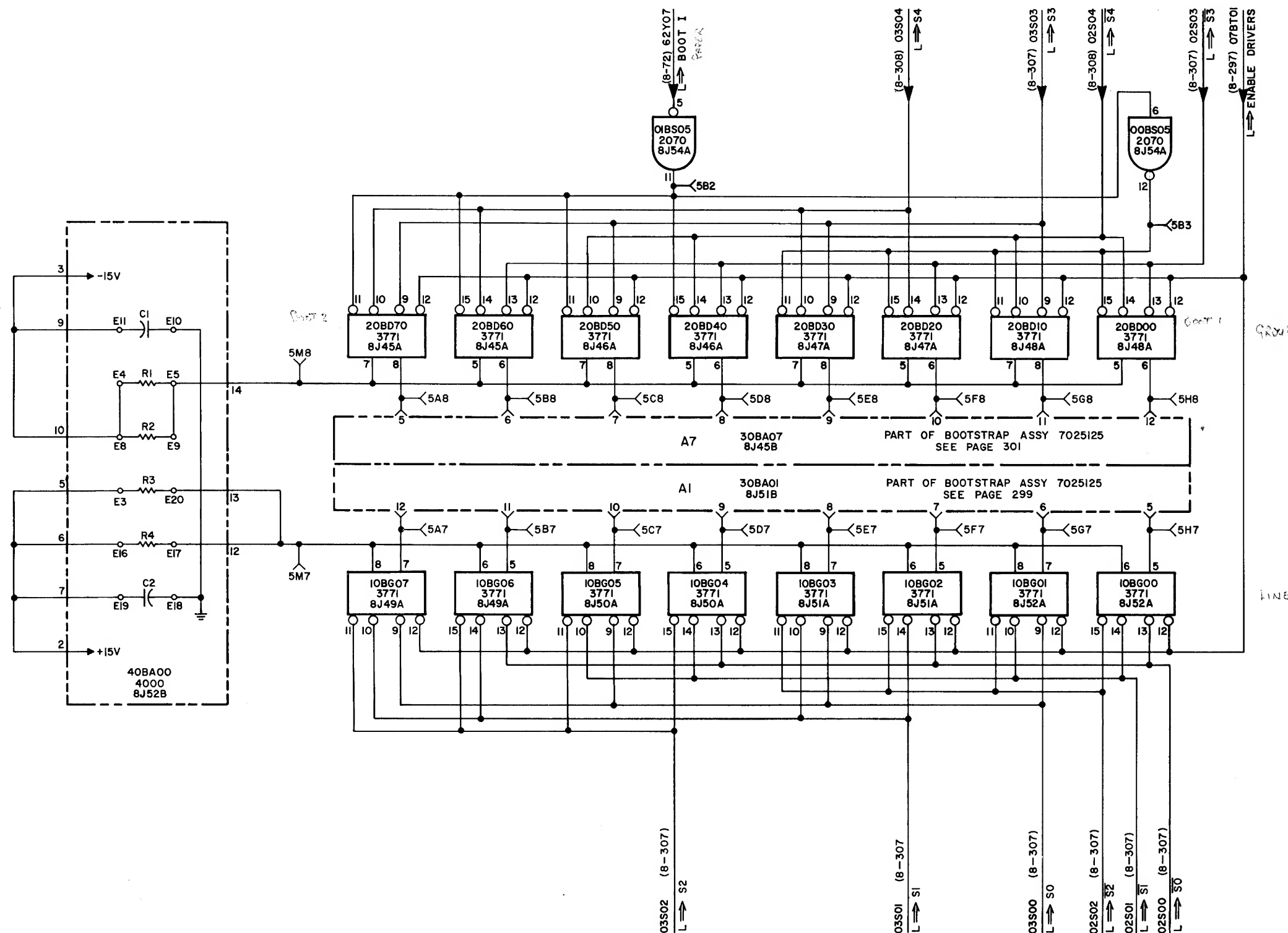


FIGURE 8-298

IDENT NO. 7032928-00

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION AND IS FURNISHED PURSUANT TO THE FOLLOWING INSTRUMENT:

ON THE UNDERSTANDING THAT THIS DOCUMENT AND THE INFORMATION THEREON MAY NOT BE DEALT WITH IN ANY MANNER EXCEPT FOR THE PURPOSES OF THAT INSTRUMENT OR AS OTHERWISE PERMITTED IN WRITING BY THE UNIVAC DIVISION OF SPERRY RAND CORPORATION

UNLESS OTHERWISE SPECIFIED:		LAYOUT		DATE		CLASS	
DIMENSION IN INCHES: TOLERANCE ON 2 PLACE DECIMALS		3 PLACE DECIMALS		ANGLES		A	
HOLE DIAMETER TOLERANCE		0 THRU .250		.251 THRU .500		.501 & LARGER	
+ .003		+ .005		+ .010			
- .002		- .003		- .005			
THREADS: EX. CL. 2A, INT. CL. 2B		MATERIAL		FINISH			
NEXT ASSY		EQUIPMENT		APPLICATION		COMMODITY CODE	
B. MILLER		B. POPOV		D.L. FAUSETT		APPROVAL	
6-4-65		8-11-65		8-11-65		8-11-65	
TITLE		FUNCTIONAL SCHEMATIC; BOOTSTRAP MEMORY 2		CODE IDENT NO.		SIZE	
90536		D		7032928		DWG NO.	
SCALE		WEIGHT		SHEET		OF 1	

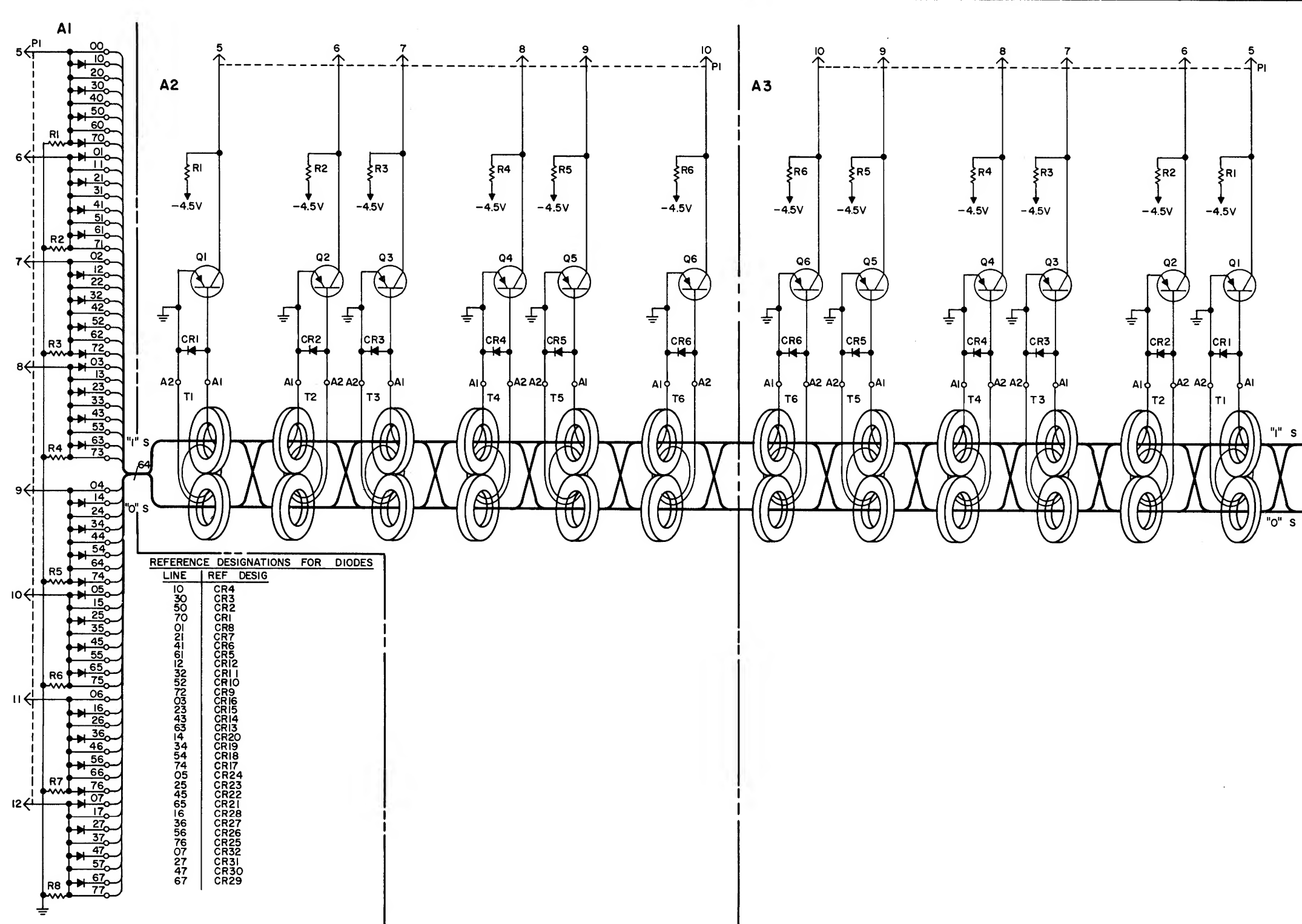
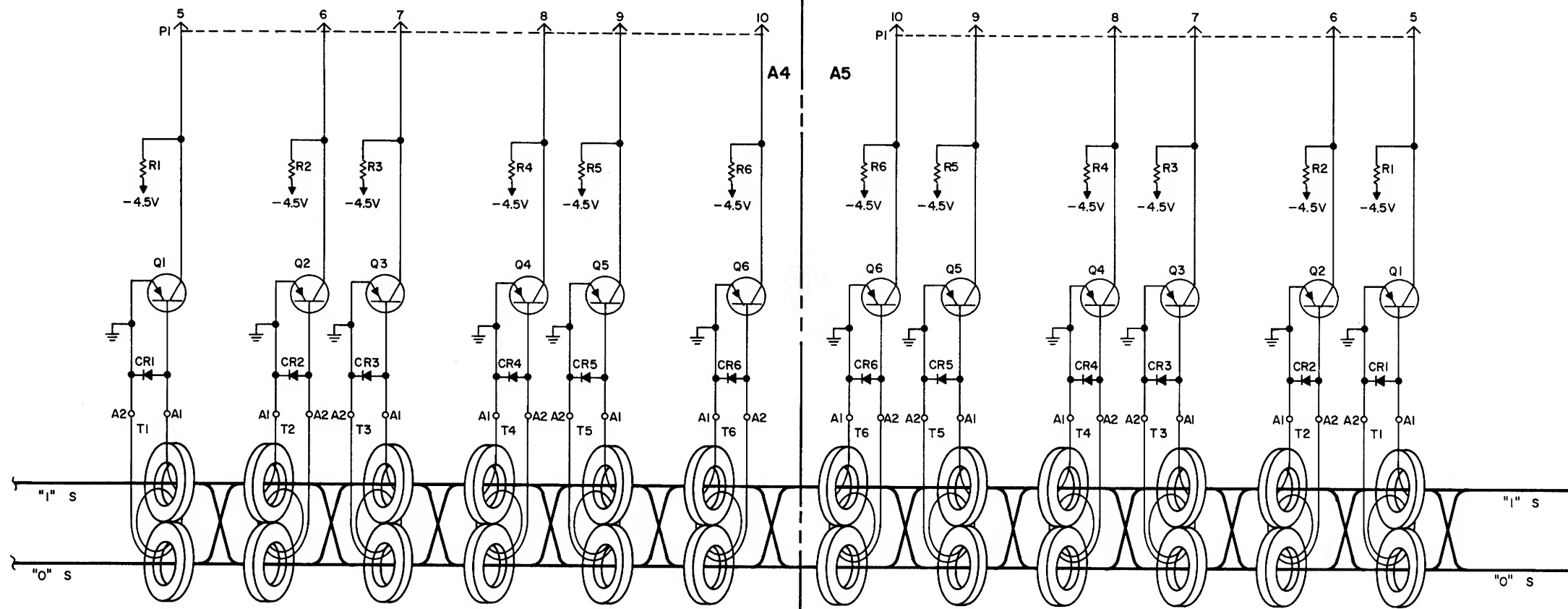


FIGURE 8-299

QTY	REQD	REF	REF	CODE	DWG	PART OR	NOMENCLATURE OR DESCRIPTION
REQD	REQD	REQD	REQD	REQD	REQD	IDENTIFYING NO.	
LIST OF MATERIAL							
DATE				CLASS	UNIVAC		
D.C. WHEELER				6-21-65	DIVISION OF SPERRY RAND CORPORATION		
B. POPOV				9-15-65	TITLE		
DL. FAUSETT				9-15-65	FUNCTIONAL SCHEMATIC, BOOTSTRAP ASSEMBLY BIT SELECTION AND SENSING I		
APPROVED				DATE	CODE IDENT NO.	SIZE	DWG NO.
DU Morgan				9-15-65	90536	D	7032930
SCALE				WEIGHT	SHEET 1 OF 1		

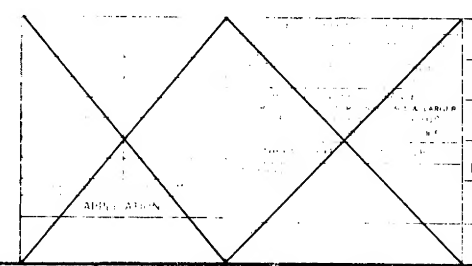
7032930-00



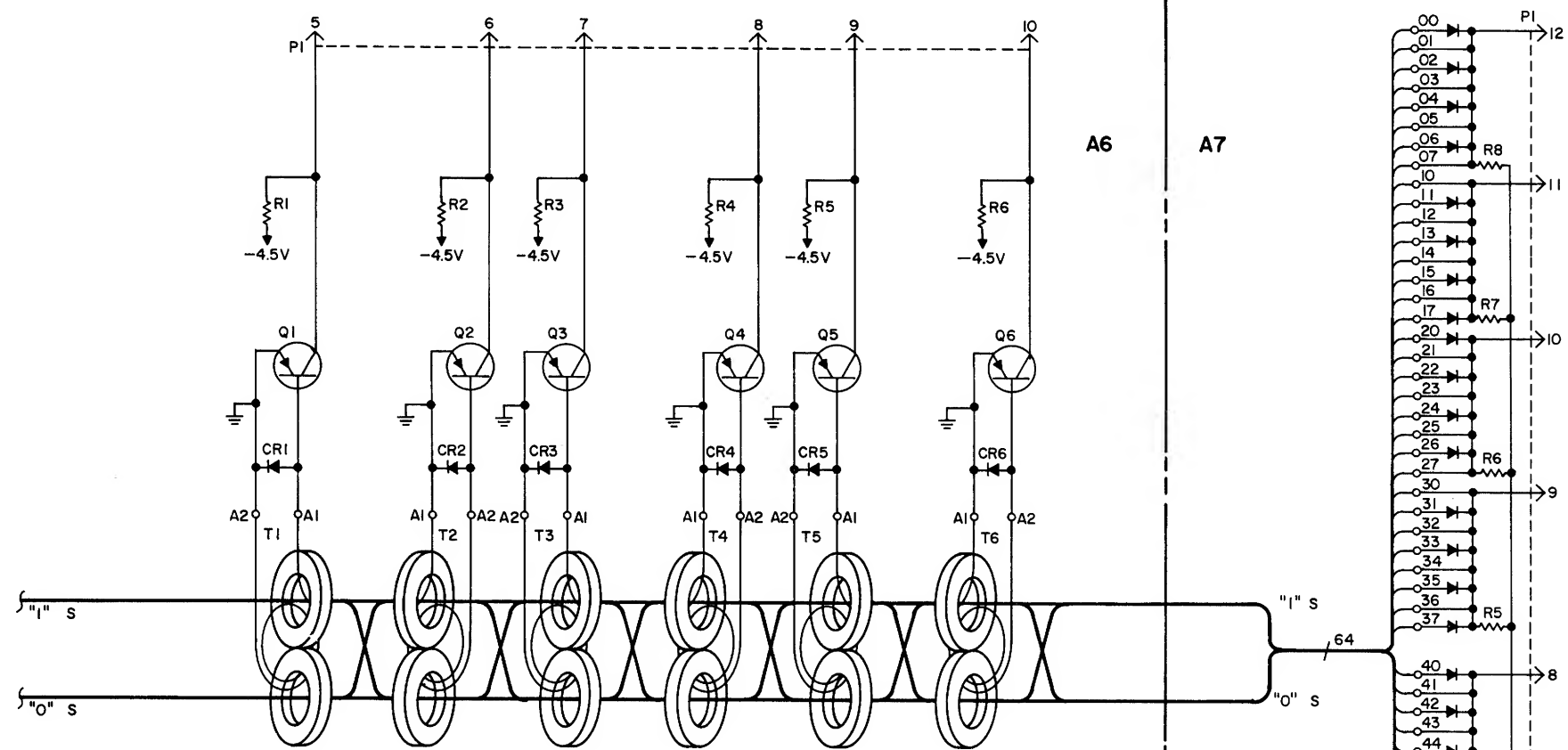
REVISIONS				
SYM	ZONE	EIR	DATE	APPROVED

FIGURE 8-300

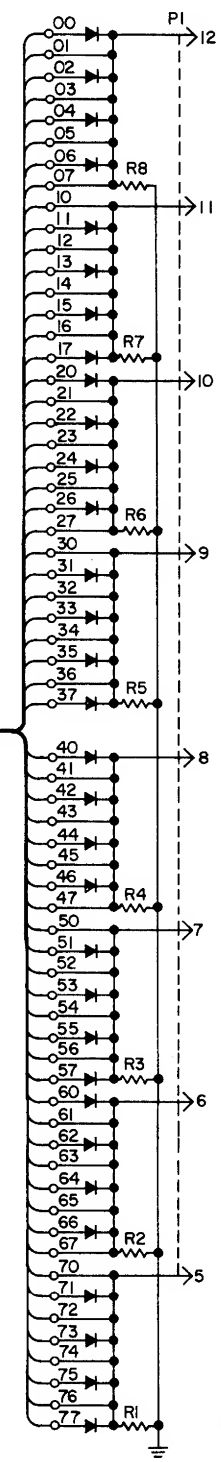
IDENT NO: 7032931-00



QTY	FIND	REF	DES	CODE	DWG	PART OR	NOMENCLATURE OR DESCRIPTION
REQD				IDENT	SIZE	IDENTIFYING NO	
LIST OF MATERIAL							
DRAFTER D.C. WHEELER CHECKER B. POPOV ENGINEER D.L. FAUSETT APPROVAL 						DATE 6-21-65 7-15-65 9-15-68	CLASS A TITLE FUNCTIONAL SCHEMATIC, BOOTSTRAP ASSEMBLY BIT SELECTION AND SENSING 2
CODE IDENT NO.		SIZE		DWG NO.			
90536		D		7032931			
SCALE		WEIGHT		SHEET		OF 1	



REFERENCE DESIGNATIONS FOR DIODES	
LINE	REF DESIG
00	CR32
02	CR31
04	CR30
06	CR29
11	CR28
13	CR27
15	CR26
17	CR25
20	CR24
22	CR23
24	CR22
26	CR21
31	CR20
33	CR19
35	CR18
37	CR17
40	CR16
42	CR15
44	CR14
46	CR13
51	CR12
53	CR11
55	CR10
57	CR9
60	CR8
62	CR7
64	CR6
66	CR5
71	CR4
73	CR3
75	CR2
77	CR1



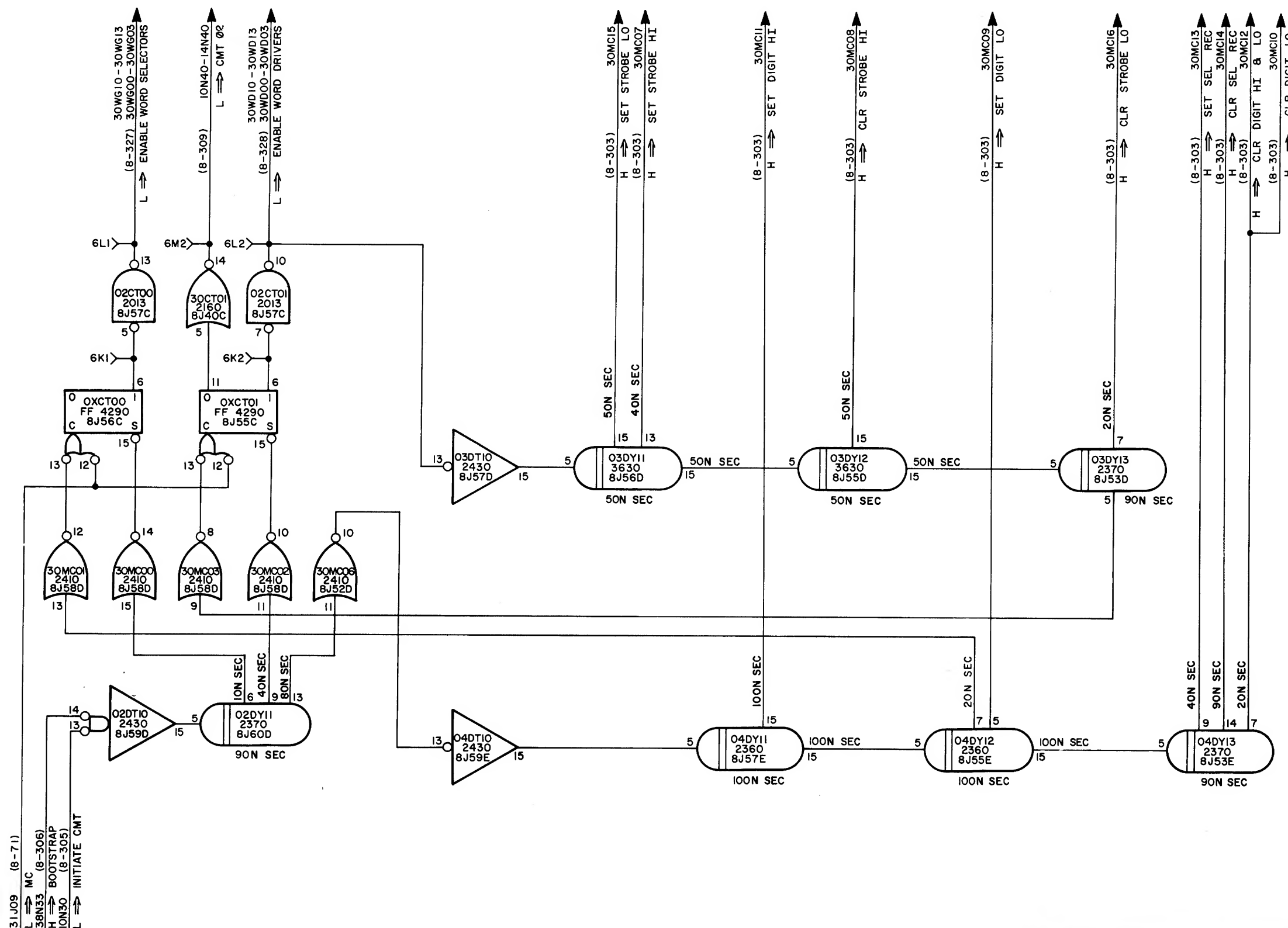
REVISIONS				
SYM	ZUNE	EIR	DESCRIPTION	APPROVED

FIGURE 8-301

IDENT NO 7032932-00

QTY REQD		FIND	REF DES	CODE IDENT	DWG SIZE	PART OR IDENTIFYING NO	NOMENCLATURE OR DESCRIPTION
LIST OF MATERIAL							
DATE		CLASS		UNIVAC			
6-21-65		A		DIVISION OF SPERRY RAND CORPORATION			
DRAFTSMAN D.C. WHEELER		CHECKER B. POPOV		TITLE FUNCTIONAL SCHEMATIC, BOOTSTRAP ASSEMBLY BIT SELECTION AND SENSING 3			
ENGINEER D.L. FAUSETT		APPROVED <i>[Signature]</i>		CODE IDENT NO 90536			
SIZE D		DWG NO 7032932		SCALE WEIGHT SHEET 1 OF 1			

REVISIONS					
SYM	ZONE	EIR	DESCRIPTION	DATE	APPROVED
A		71699	SEE EIR	5/11/66	BP
B		77408	SEE EIR	6-16-66	BP



NOTE: DELAY LINE TAPS SUBJECT TO CHANGES BY SERIAL.

FIGURE 8-302

IDENT NO. 7035492-00

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION AND IS FURNISHED PURSUANT TO THE FOLLOWING INSTRUMENT.

ON THE UNDERSTANDING THAT THIS DOCUMENT AND THE INFORMATION THEREON MAY NOT BE DISCLOSED IN ANY MANNER EXCEPT FOR THE PURPOSES OF THAT INSTRUMENT OR AS OTHERWISE PERMITTED IN WRITING BY THE UNIVAC DIVISION OF SPERRY RAND CORPORATION.

UNLESS OTHERWISE SPECIFIED		LAYOUT		DATE		CLASS	
DIMENSION IN INCHES. TOLERANCE ON 2 PLACE DECIMALS 3 PLACE DECIMALS ANGLES		DRAFTSMAN R. M. BECKMAN		9-1-65		A	
HOLE DIAMETER TOLERANCE 0 THRU .250 +.003 - .002 .251 THRU .500 +.005 - .005 .501 & LARGER +.010 - .005		CHECKER B. POPOV		BP 9-15-65		TITLE	
THREADS: EXT. CL. 2A, INT. CL. 2B		ENGINEER C. HOGENSON		C.H. 9-15-65		FUNCTIONAL SCHEMATIC, CONTROL MEMORY TIMING AND CONTROL I	
MATERIAL		APPROVAL		CODE IDENT NO.		SIZE DWG NO.	
FINISH		[Signature]		90536		D 7035492	
NEXT ASSY		EQUIPMENT		SCALE		WEIGHT	
APPLICATION		COMMODITY CODE		SHEET		OF	

REVISIONS					
SYM	ZONE	EIR	DESCRIPTION	DATE	APPROVED
A		71699	SEE EIR	8/11/65	
B		77408	SEE EIR	6-16-66	

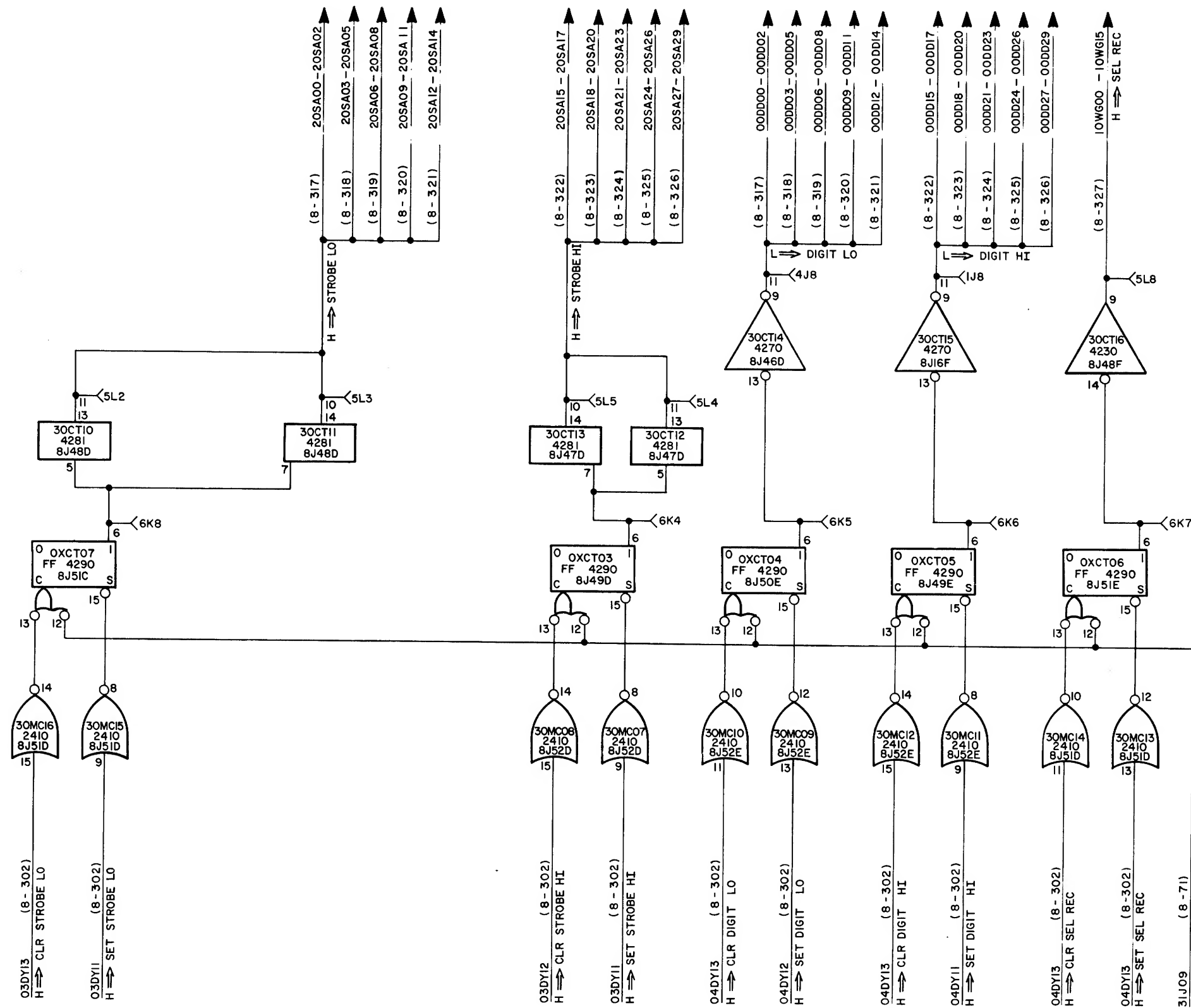


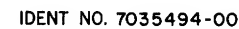
FIGURE 8-303

IDENT NO. 7035493-00

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION AND IS FURNISHED PURSUANT TO THE FOLLOWING INSTRUMENT:
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UNLESS OTHERWISE SPECIFIED		LAYOUT		DATE		CLASS	
DIMENSION IN INCHES TOLERANCE ON 2 PLACE DECIMALS 3 PLACE DECIMALS ANGLES		DRAFTSMAN		8-30-65		A	
HOLD DIAMETER TOLERANCE 0 THRU .250 .251 THRU .500 .501 & LARGER +.003 +.005 +.010 -.002 -.005 -.005		CHECKER		9-15-65		TITLE	
THREADS: EXT. CL. 2A, INT. CL. 2B		B. POPOV				FUNCTIONAL SCHEMATIC, CONTROL MEMORY TIMING AND CONTROL 2	
MATERIAL		ENGINEER		C. HOGENSEN		CODE IDENT NO. SIZE DWG NO.	
FINISH		APPROVAL		9-15-65		90536 D 7035493	
NEXT ASSY EQUIPMENT APPLICATION COMMODITY CODE						SCALE WEIGHT SHEET 1 OF 1	

QTY REQD	FIND	REF DES	CODE IDENT	DWG SIZE	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION
LIST OF MATERIAL						
		DATE	CLASS A	UNIVAC <small>DIVISION OF SPERRY RAND CORPORATION</small>		
		9-9-65	TITLE	FUNCTIONAL SCHEMATIC, CONTROL MEMORY TIMING AND CONTROL 3		
E						
IV		MR BP 9-15-65				
NSON		C.N. 9-15-65				
			CODE IDENT NO.	SIZE	DWG NO.	
			90536	D	7035494	
			SCALE	WEIGHT		SHEET OF



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[illegible]

FIGURE 8-304

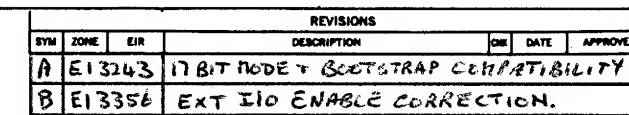


FIGURE 8-306

IDENT NO. 7075236-00

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DIMENSION IN INCHES. TOLERANCE 2 PLACE 3 PLACE DECIMALS DECIMALS ANGLE ± ± ±	UNLESS OTHERWISE SPECIFIED	
	HOLE DIAMETER TOLERANCE	
	Ø THRU .250	.251 THRU .500
	+.003	+.005
	-.002	-.003
	THREADS: EXCEPT 1/2, 3/4, 1 IN. CL 2B	
	MATERIAL	
	FINISH	
	APPLICATION	
	COMMODITY CODE	

REVISIONS				
SYM	ZONE	EIR	DESCRIPTION	CHK DATE APPROVED
A		71699	SEE EIR	8/11/65
B		77400	SEE EIR	9/22/66

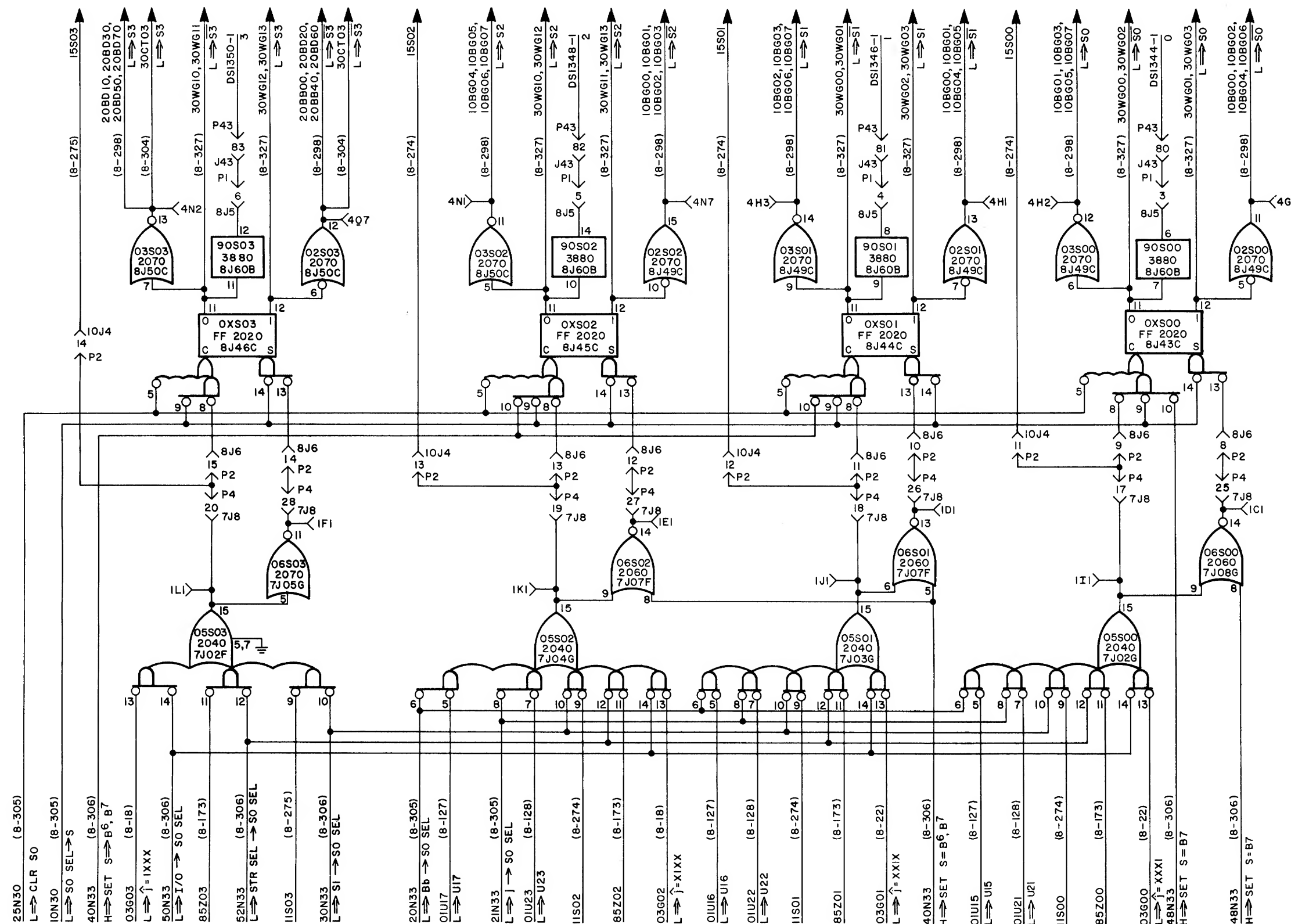
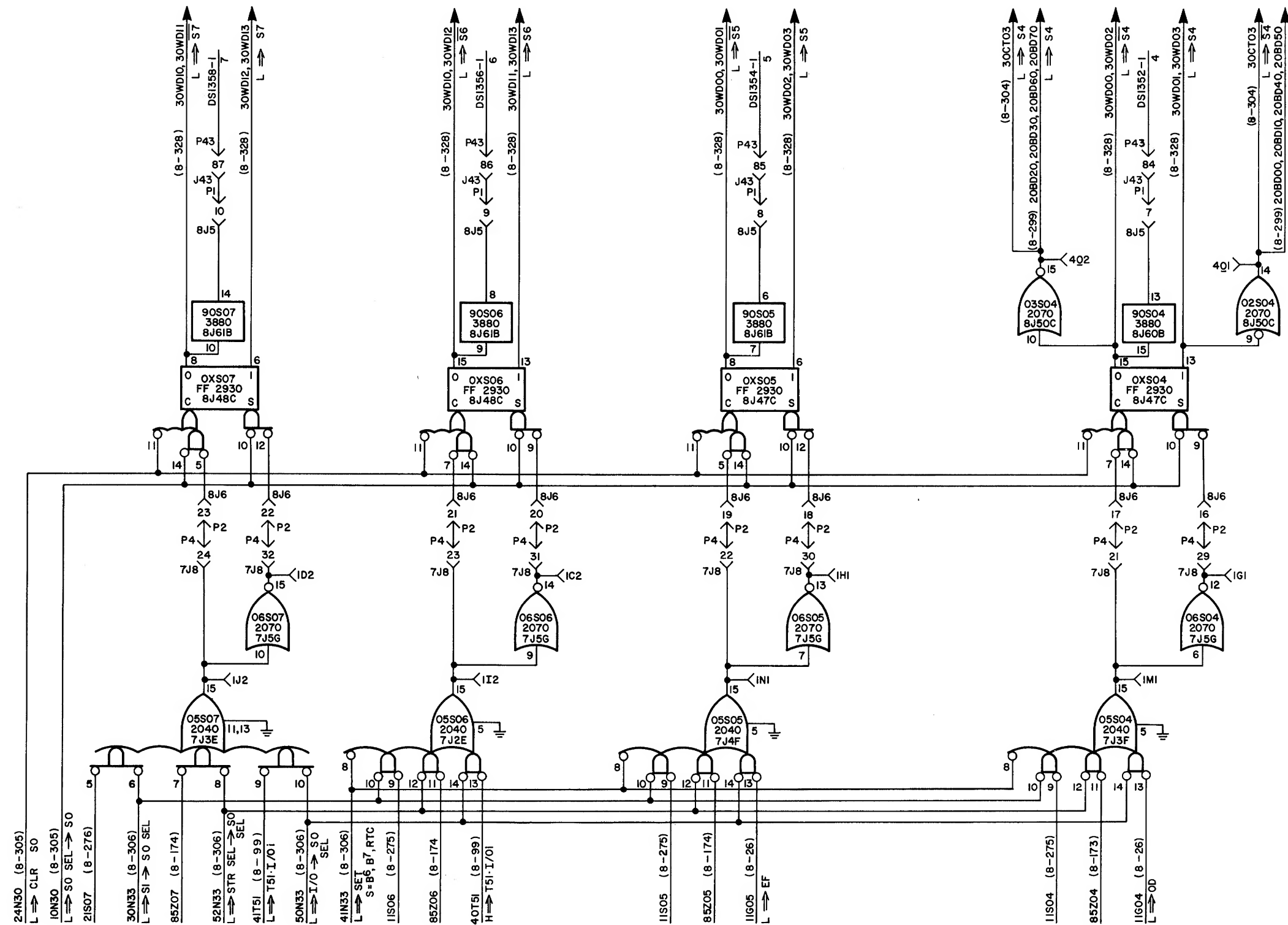


FIGURE 8-307

QTY	REQD	UNIT	REF	DES	CODE	DWG	PART OR IDENTIFYING NO	NOMENCLATURE OR DESCRIPTION
LIST OF MATERIAL								
UNIVAC								
DIVISION OF SPERRY RAND CORPORATION								
TITLE								
FUNCTIONAL SCHEMATIC, SO SELECT & SO REGISTER BITS 00-03								
CODE IDENT NO. SIZE DWG NO.								
90536 D 7032684								
SCALE WEIGHT SHEET 1 OF 1								

IDENT NO 7032684-00

DESIGNER	F. MANNING	DATE	6-7-65
CHECKER	B. POPOV	DATE	9-15-65
ENGINEER	N. MACRORE	DATE	9-15-65
APPROVAL			



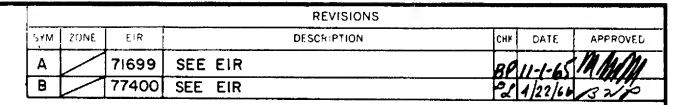
REVISIONS				
REV	DATE	DESCRIPTION	BY	APP

FIGURE 8-308

IDENT NO. 7032685-00

THIS DOCUMENT CONTAINS UNCLASSIFIED INFORMATION
EXCEPT WHERE SHOWN OTHERWISE. IT IS THE POLICY OF THE
DEFENSE DEPARTMENT TO MAKE AVAILABLE TO THE PUBLIC
ALL INFORMATION NOT OTHERWISE RESTRICTED BY LAW.

DRAFTSMAN D.MUHS		DATE 6-4-65	CLASS A
CHECKER B.POPOV		ENGINEER N. MACRORE	TITLE FUNCTIONAL SCHEMATIC, S0 SELECT & S0 REGISTER BITS 04-07
APPROVAL [Signature]		DATE 7-15-65	CODE IDENT NO. 90536
APPLICATION		SIZE D	DWG NO. 7032685
SCALE		WEIGHT	SHEET 1 OF 1



QTY REQD	FIND	REF DES	CODE IDENT	DWG SIZE	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION
LIST OF MATERIAL						
N LLER		DATE 6-16-65	CLASS A	UNIVAC DIVISION OF SPERRY RAND CORPORATION		
COPOV		9-15-65	TITLE FUNCTIONAL SCHEMATIC, ZO COMMAND ENABLES I			
CRORIE		9-15-65	CODE IDENT NO. 90536			
U. Morgan		9-15-65	SIZE D		DWG NO. 7032669	
SCALE		WEIGHT		SHEET 1 OF 1		

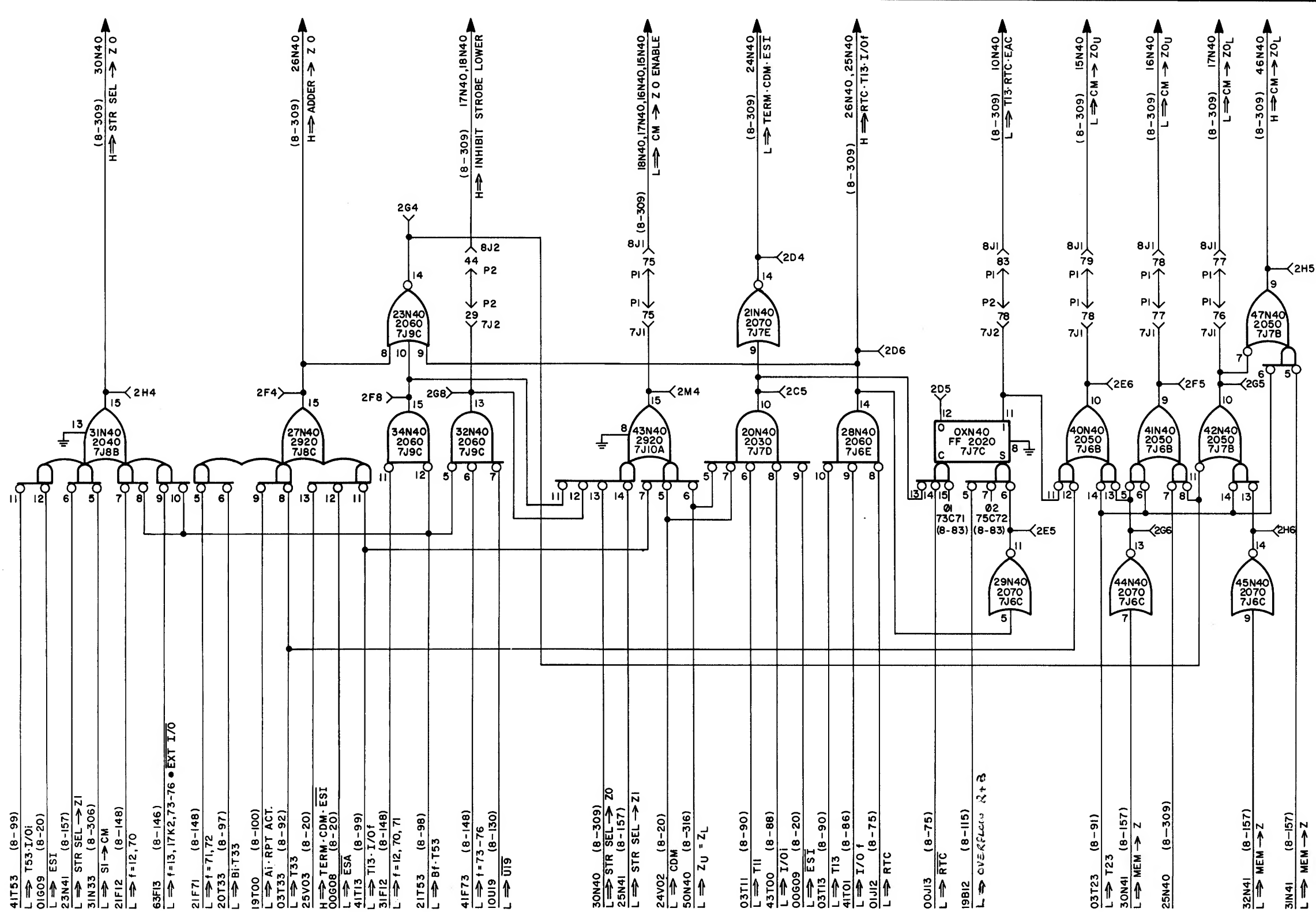


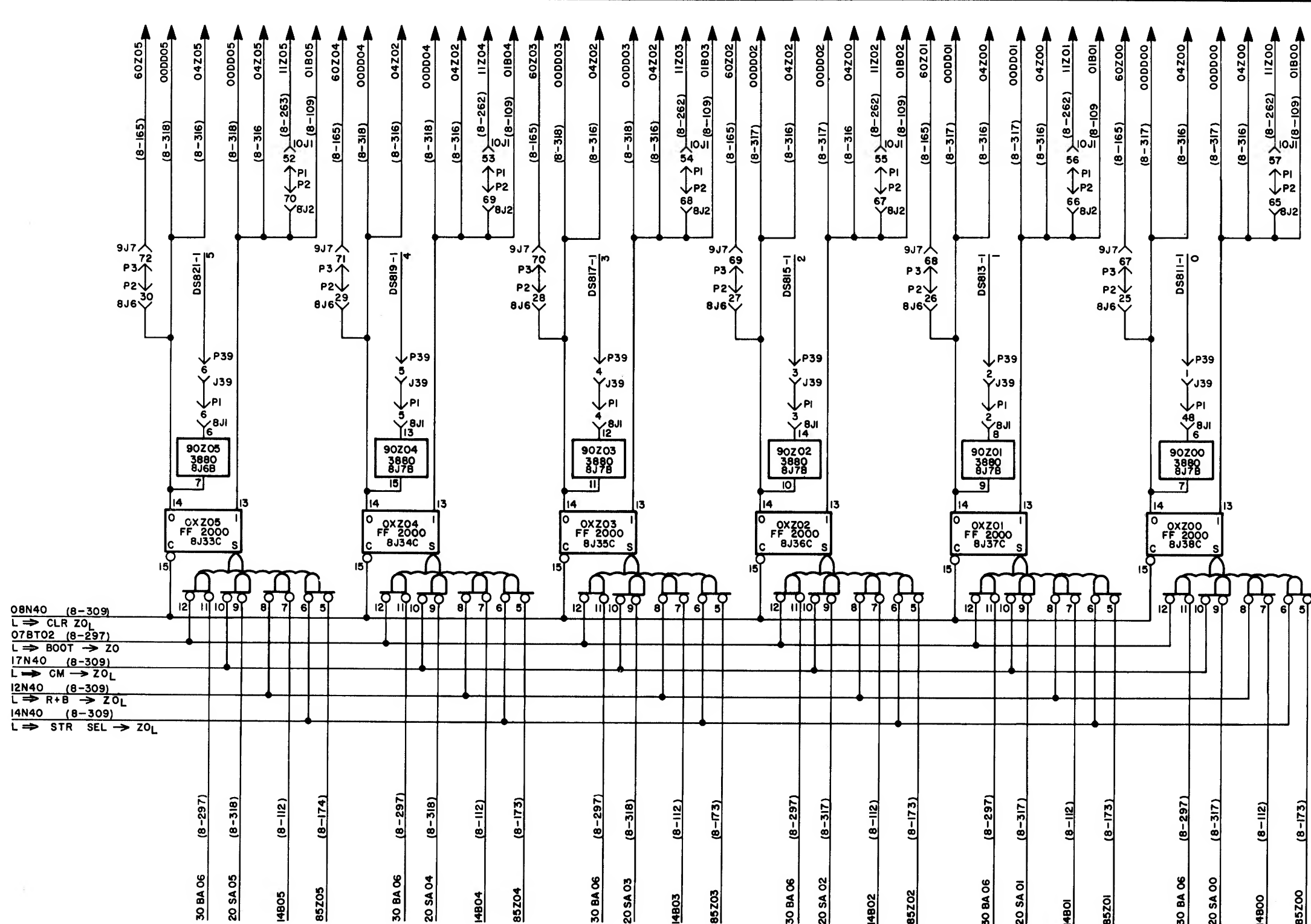
FIGURE 8-310

IDENT NO. 7075237-00

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION AND IS FURNISHED PURSUANT TO THE FOLLOWING INSTRUMENT:

ON THE UNDERSTANDING THAT THIS DOCUMENT AND THE INFORMATION THEREON MAY NOT BE DEALT WITH IN ANY MANNER EXCEPT FOR THE PURPOSES OF THAT INSTRUMENT OR AS OTHERWISE PERMITTED IN WRITING BY THE UNIVAC DIVISION OF SPERRY RAND CORPORATION.

UNLESS OTHERWISE SPECIFIED		LAYOUT		DATE		CLASS	
DIMENSION IN INCHES, TOLERANCE OR 2 PLACE DECIMALS		DRAFTSMAN		12-6-66		A	
HOLE DIAMETER TOLERANCE		E. BICKETT					
0 THRU .390 +.003		CHECKER		B. POPOV		3-31-67	
.391 THRU .500 +.005		ENGINEER		D. FREE		3-31-67	
.501 & LARGER +.010		APPROVAL				3-31-67	
THREADS: EXT. CL. 2A, INT. CL. 2B							
MATERIAL							
FINISH							
NEXT ASSY							
APPLICATION							
COMMODITY CODE							
LIST OF MATERIAL				TITLE			
FUNCTIONAL SCHEMATIC, Z0 COMMAND ENABLES 2				CODE IDENT NO. 90536			
SIZE D				DWG NO. 7075237			
SCALE				WEIGHT			
SHEET 1 OF 1							



REVISIONS				
SYM	ZONE	EIR	DESCRIPTION	CHK DATE APPROVED
A		71702	SEE EJR	8/20/28 65 1/1/71

FIGURE 8-311

IDENT NO. 7032673-00

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UNLESS OTHERWISE SPECIFIED		LAYOUT		DATE		CLASS	
DIMENSION IN INCHES. TOLERANCE ON 2 PLACE DECIMALS ± .005		3 PLACE DECIMALS ± .005		2-4-65		A	
HOLE DIAMETER TOLERANCE 0 THRU .250 ± .005 .251 THRU .500 ± .010 .501 & LARGER ± .010		THREADS: EXT. CL. 2A, INT. CL. 2B		DRAFTSMAN J. R. CURTIS		TITLE	
MATERIAL		FINISH		CHECKER B. POPOV		ENGINEER N. MACRORE	
APPLICATION		EQUIPMENT		APPROVAL		CODE IDENT NO. 90536	
COMMODITY CODE		FINISH		1-15-66		SIZE D	
						DWG NO. 7032673	
						SCALE	
						WEIGHT	
						SHEET 1 OF 1	

REVISIONS				
SYM	ZONE	EIR	DESCRIPTION	CHK DATE APPROVED
A		71702	SEE EIR	8-28-65 <i>[Signature]</i>

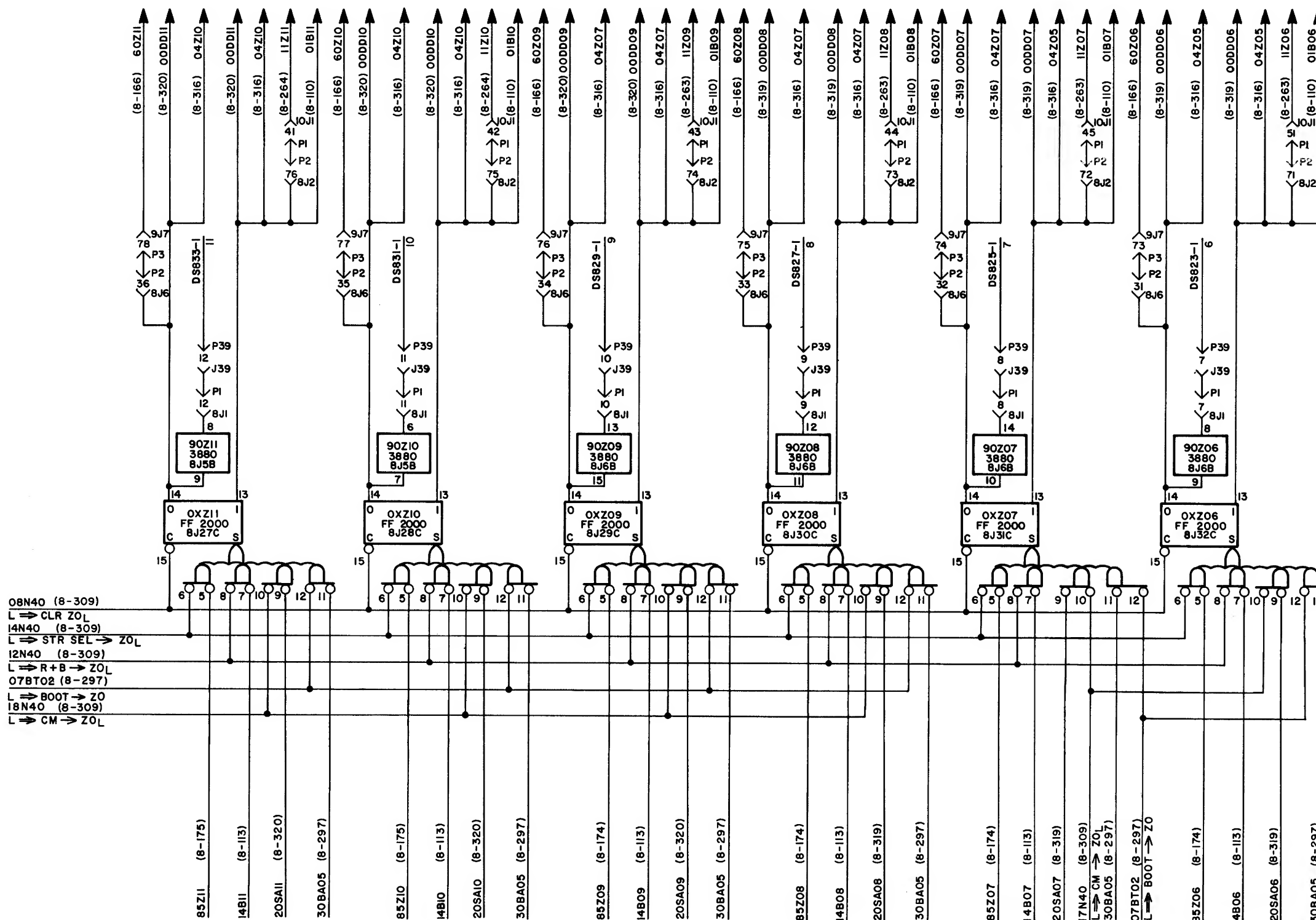


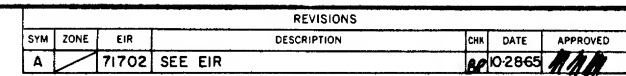
FIGURE 8-312

IDENT NO. 7032674-00

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION AND IS FURNISHED PURSUANT TO THE FOLLOWING INSTRUMENT:

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UNLESS OTHERWISE SPECIFIED		DIMENSION IN INCHES. TOLERANCE ON 2 PLACE DECIMALS ± .003		DIMENSION IN INCHES. TOLERANCE ON 3 PLACE DECIMALS ± .002		ANGLES ± .005		HOLD DIAMETER TOLERANCE 0 THRU .250 ± .003		.251 THRU .500 ± .005		.501 & LARGER ± .010		THREADS: EXT. CL. 2A, INT. CL. 2B		MATERIAL		FINISH	
NEXT ASSY		EQUIPMENT		APPLICATION		COMMODITY CODE		LAYOUT		DATE		CLASS		PART OR IDENTIFYING NO.		NOMENCLATURE OR DESCRIPTION			
DRAFTSMAN J. R. CURTIS		CHECKER B. POPOV		ENGINEER N. MACRORE		APPROVAL <i>[Signature]</i>		DATE 2-4-65		CLASS A		PART OR IDENTIFYING NO. 90536		NOMENCLATURE OR DESCRIPTION FUNCTIONAL SCHEMATIC Z0 REGISTER BITS 06-11		DWG NO. 7032674			
SCALE		WEIGHT		SHEET 1 OF 1															



QTY REQD	FIN	REF DES	CODE IDENT	SIZE	OR PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION
LIST OF MATERIAL						
		DATE	CLASS A	UNIVAC <small>DIVISION OF SPERRY RAND CORPORATION</small>		
MURTIS		23-65	TITLE	FUNCTIONAL SCHEMATIC, Z0 REGISTER BITS 12-17		
POV		1/25 B.P.				
RORIE		9-8-65				
Morgan		7-15-65	CODE IDENT NO.	SIZE	DWG NO.	
			90536	D	7032675	
			SCALE	WEIGHT	SHEET	OF

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AND IS FURNISHED PURSUANT TO THE FOLLOWING INSTRUMENT:

ON THE UNDERSTANDING THAT THIS DOCUMENT AND THE INFORMATION THEREON MAY NOT BE DEALT WITH IN ANY MANNER EXCEPT FOR THE PURPOSES OF THAT INSTRUMENT OR AS OTHERWISE PERMITTED IN WRITING BY THE UNIV. DIVISION OF SPERRY RAND CORPORATION.

QTY REQD	FIND	REF DES	CODE IDENT	OWG SIZE	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION
LIST OF MATERIAL						
DATE		CLASS A	UNIVAC DIVISION OF SPERRY RAND CORPORATION			
TITLE		FUNCTIONAL SCHEMATIC, ZO REGISTER BITS 24-29				
CODE IDENT NO.		SIZE		DWG NO.		
90536		D		7032677		
SCALE		WEIGHT		SHEET		OF

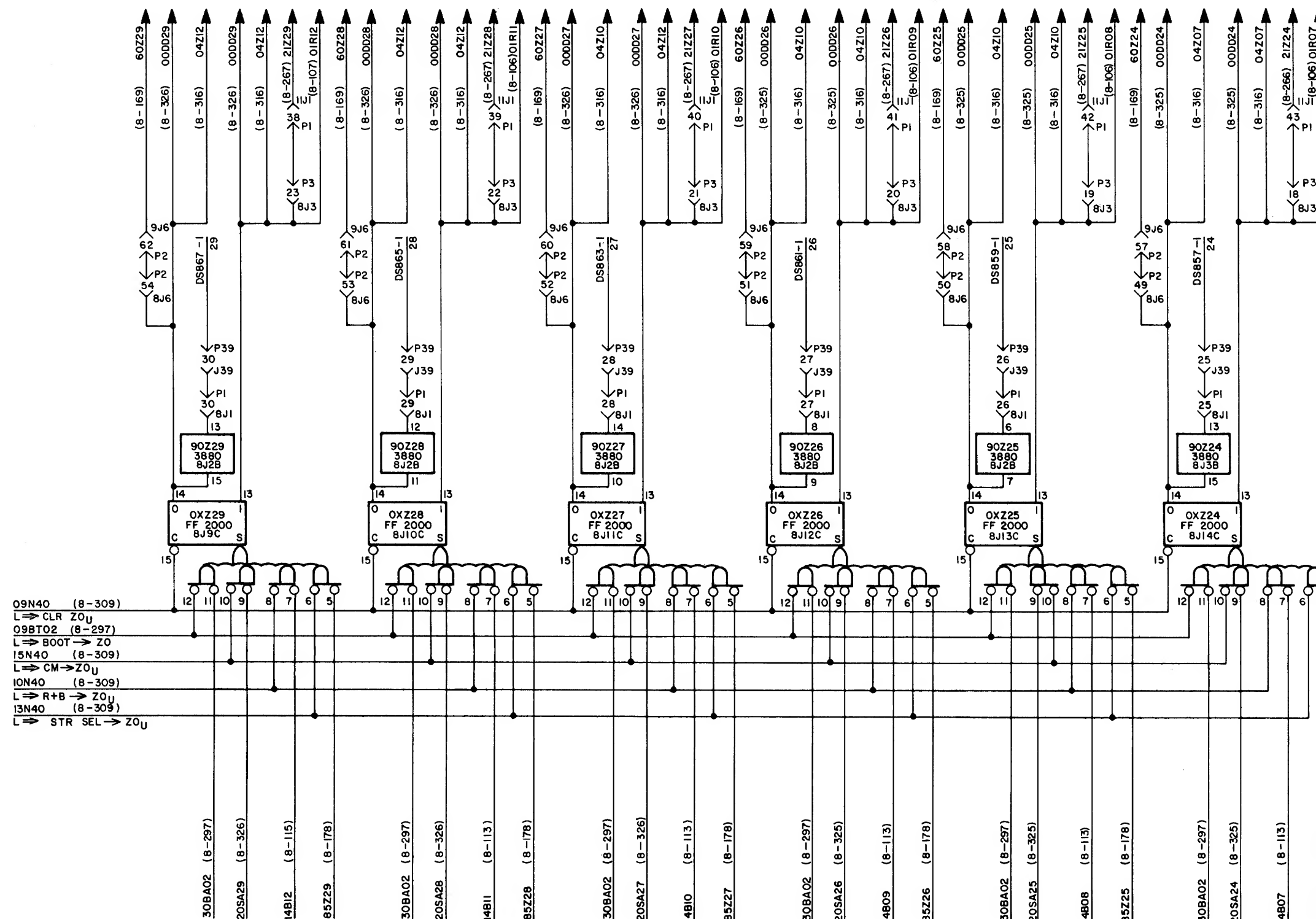


FIGURE 8-315

IDENT NO. 7032677-00

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION
OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION
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REVISIONS				
REV	DATE	DESCRIPTION	BY	APP'D

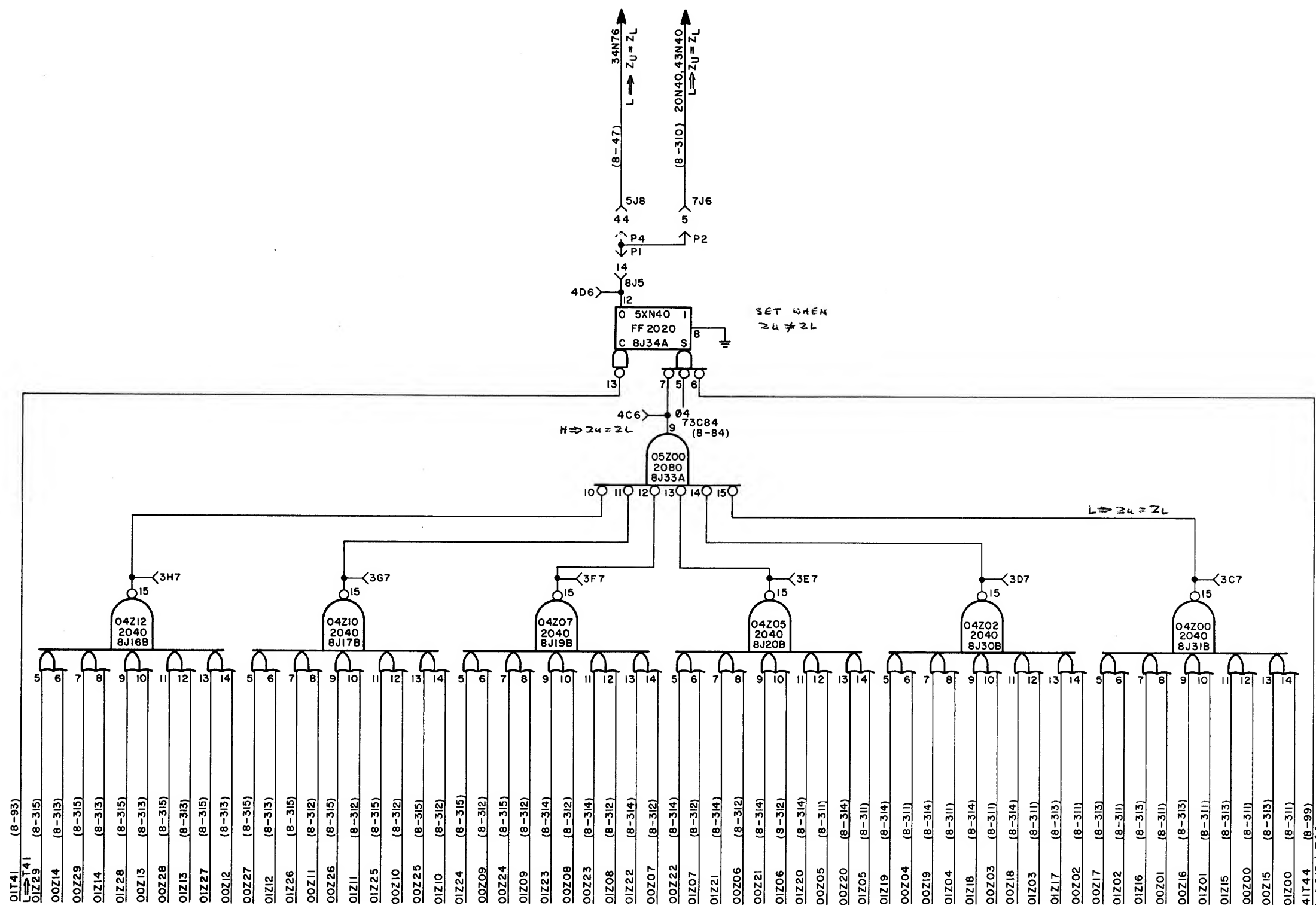


FIGURE 8-316

IDENT NO. 7032664-00

THIS DOCUMENT IS UNCLASSIFIED
DATE 10-10-2010 BY 60322
REASON: 1.5(4) DOWNGRADING TO UNCLASSIFIED
DATE 10-10-2010 BY 60322
REASON: 1.5(4) DOWNGRADING TO UNCLASSIFIED

UNLESS OTHERWISE SPECIFIED:		LAYOUT		DATE	CLASS
DIMENSIONS IN INCHES TOLERANCE ON FRACTIONS DECIMALS 3 PLACES ANGLES HOLE DIAMETER TOLERANCE 0 THRU .250 + .003 - .003 0.251 THRU .500 + .010 - .005 0.501 THRU 1.000 + .015 - .005 1.001 THRU 2.000 + .020 - .005 2.001 THRU 4.000 + .030 - .005 4.001 THRU 6.000 + .040 - .005 6.001 THRU 10.000 + .050 - .005 OVER 10.000 + .060 - .005		DRAFTSMAN E. NOLEN		5-1-65	A
MATERIAL		CHECKER B. POPOV		9-15-65	TITLE FUNCTIONAL SCHEMATIC, ZU ≠ ZL
FINISH		ENGINEER N. MACRORE		9-15-65	
APPLICATION		APPROVAL N. Macgregor		9-15-65	CODE IDENT NO. 90536
COMMENTS					SIZE D
					DWG NO. 7032664
					SCALE
					WEIGHT
					SHEET OF 1

REVISIONS					
SYM	ZONE	EIR	DESCRIPTION	OR	DATE
A		71702	SEE EIR		10-20-65

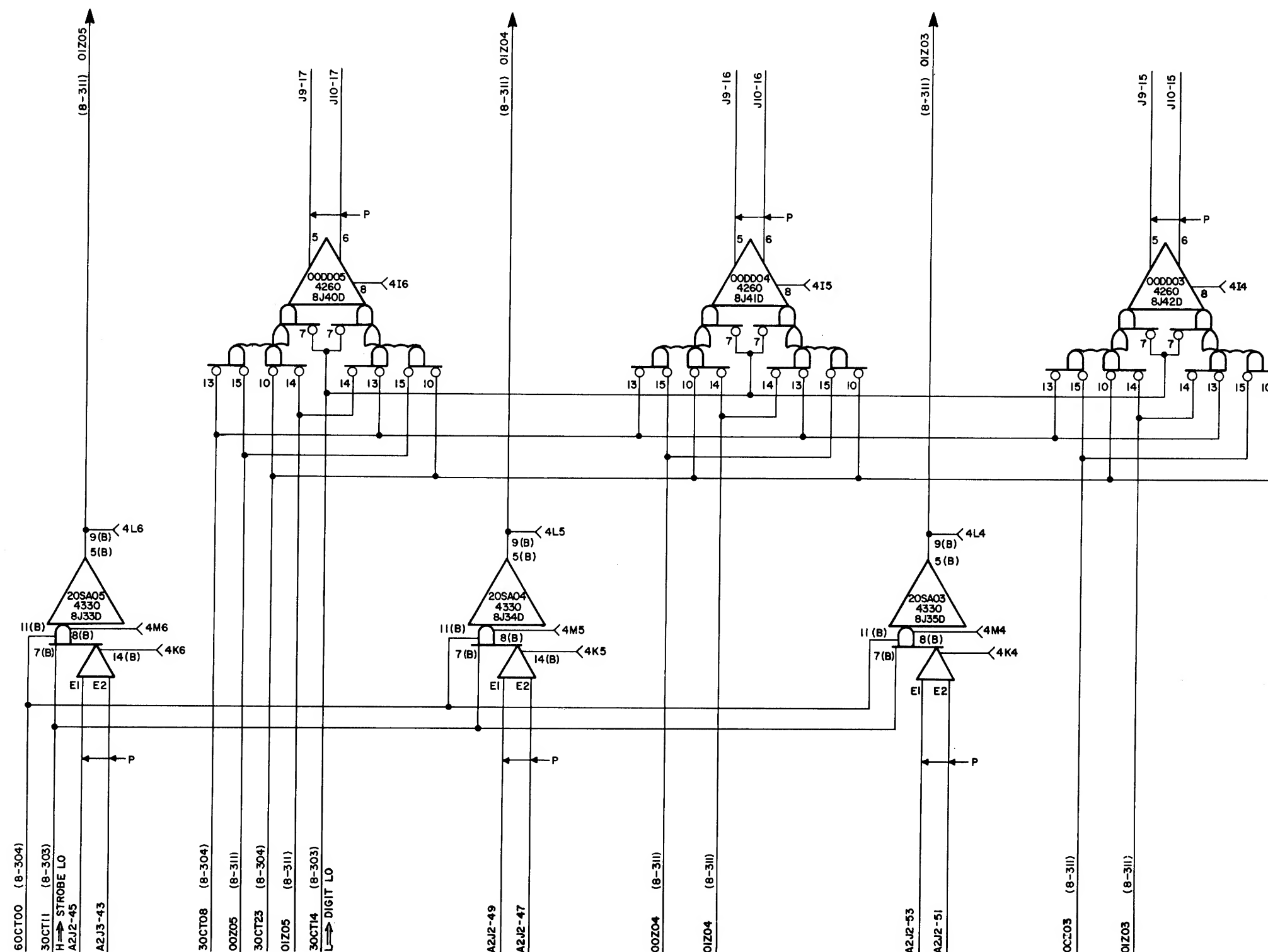


FIGURE 8-318

IDENT NO. 7035481-00

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION AND IS FURNISHED PURSUANT TO THE FOLLOWING INSTRUMENT:

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UNLESS OTHERWISE SPECIFIED		LAYOUT		DATE		CLASS	
DIMENSION IN INCHES. TOLERANCE ON 2 PLACE DECIMALS		DRAFTSMAN		8-31-65		A	
HOLE DIAMETER TOLERANCE		CHECKER		B. POPOV		TITLE	
THREADS: EXT. CL. 2A, INT. CL. 2B		ENGINEER		C. HOGENSON		FUNCTIONAL SCHEMATIC, SENSE AMP, DIGIT DRIVERS BITS 03-05	
MATERIAL		APPROVAL		7-5-66		CODE IDENT NO.	
FINISH		COMMODITY CODE		90536		SIZE	
				D		DWG NO.	
				7035481		SHEET 1 OF 1	

QTY REQD	FIND	REF DES	CODE IDENT	DWG SIZE	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION
LIST OF MATERIAL						
DATE		CLASS	UNIVAC			
E. BOIKE		A	DIVISION OF SPERRY RAND CORPORATION			
831-65		TITLE	FUNCTIONAL SCHEMATIC, SENSE AMP, DIGIT DRIVERS BITS 06-08			
POPOV	9-15-68	CODE IDENT NO.	SIZE	DWG NO.	7035482	
ENSON	9-15-68					
9-15-68		90536	D			
SCALE		WEIGHT			SHEET 1 OF 1	

REVISIONS				
SYM	ZONE	ERR	DESCRIPTION	DATE

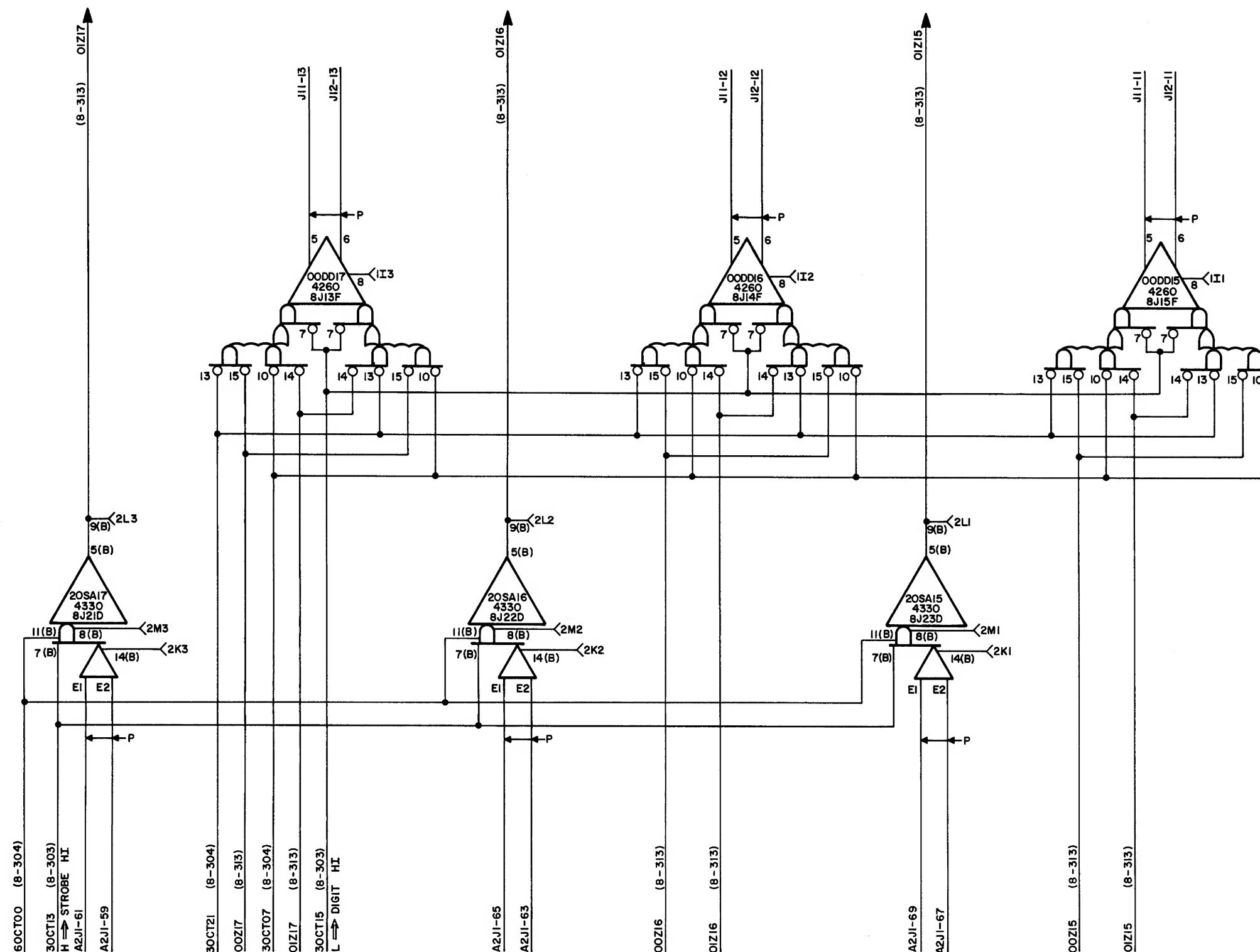


FIGURE 8-322

IDENT NO. 7035485-00

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION AND IS FURNISHED PURSUANT TO THE FOLLOWING INSTRUMENT:

ON THE UNDERSTANDING THAT THIS DOCUMENT AND THE INFORMATION THEREON MAY NOT BE DEALT WITH IN ANY MANNER EXCEPT FOR THE PURPOSES OF THAT INSTRUMENT OR AS OTHERWISE PERMITTED IN WRITING BY THE UNIVAC DIVISION OF SPERRY RAND CORPORATION.

UNLESS OTHERWISE SPECIFIED		LAYOUT		DATE		CLASS	
DIMENSION IN INCHES. TOLERANCE ON 2 PLACE DECIMALS		DRAFTSMAN D.C. WHEELER		8-30-65		A	
HOLE DIAMETER TOLERANCE		CHECKER B. POPOV		9-15-65		TITLE	
THREADS: EXT. CL. 2A, INT. CL. 2B		ENGINEER C. HOGENSON		C.H. 9-15-65		FUNCTIONAL SCHEMATIC, SENSE AMP, DIGIT DRIVERS BITS 15-17	
MATERIAL		APPROVAL		CODE IDENT NO.		SIZE	
FINISH		D.C. Wheeler		90536		D	
APPLICATION		COMMODITY CODE		DWG NO.		7035485	
				SCALE		WEIGHT	
				SHEET		OF	

REVISIONS					
SYM	ZONE	EIR	DESCRIPTION	DATE	APPROVED
A		71703	SEE EIR	8/11-65	W.E.B.
B		77408	SEE EIR	9/15-65	C.H.

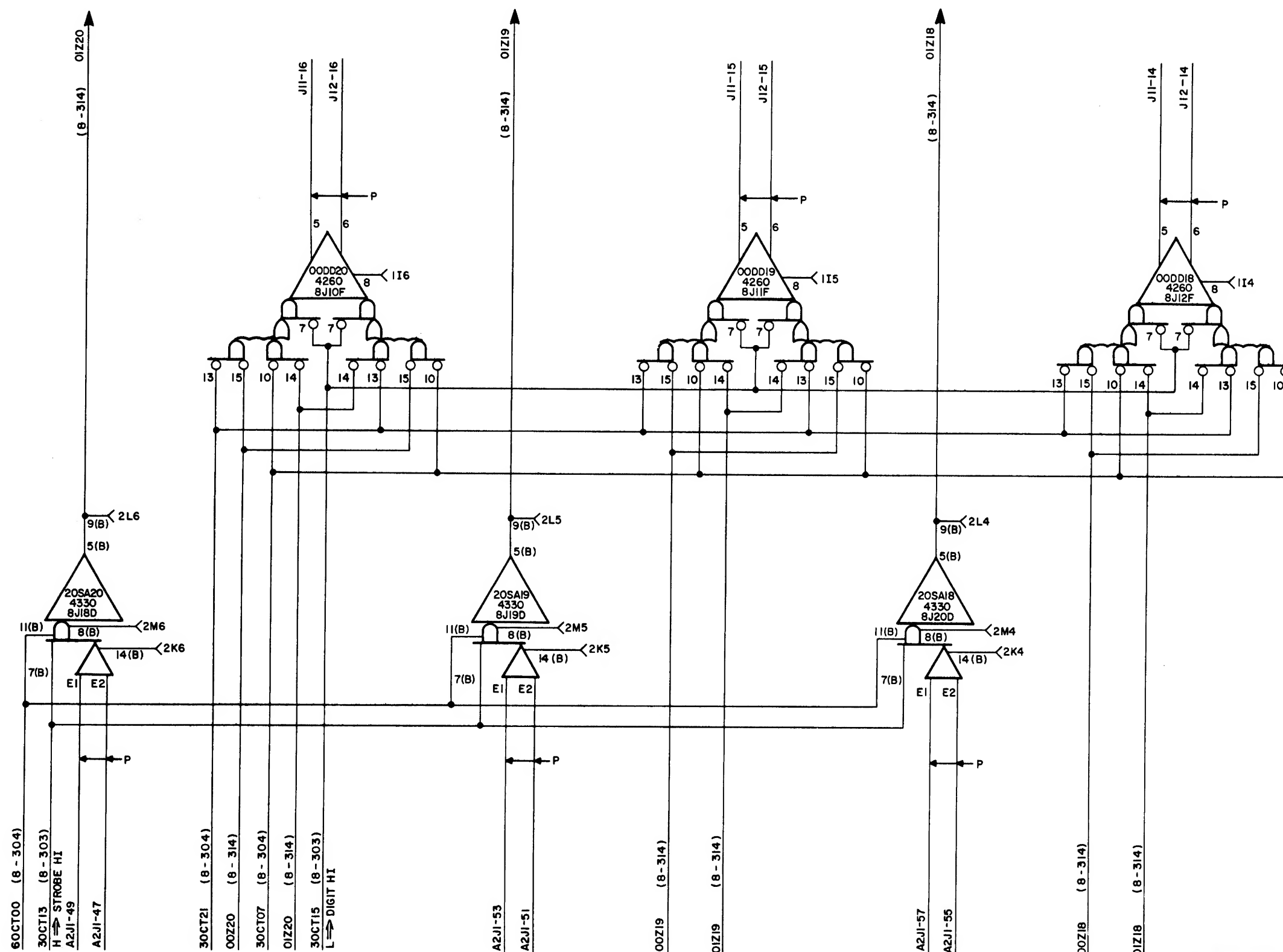


FIGURE 8-323

IDENT NO. 7035486-00

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION AND IS FURNISHED PURSUANT TO THE FOLLOWING INSTRUMENT:
ON THE UNDERSTANDING THAT THIS DOCUMENT AND THE INFORMATION THEREON MAY NOT BE REPRODUCED IN ANY MANNER EXCEPT FOR THE PURPOSES OF THAT INSTRUMENT OR AS OTHERWISE PERMITTED IN WRITING BY THE UNIVAC DIVISION OF SPERRY RAND CORPORATION.

UNLESS OTHERWISE SPECIFIED		LAYOUT		DATE		CLASS	
DIMENSION IN INCHES. TOLERANCE ON		DRAFTSMAN		8-29-65		A	
2 PLACE DECIMALS		W.E. BOIKE					
3 PLACE DECIMALS		CHECKER		9/15-65			
ANGLES		B. POPOV					
HOLE DIAMETER TOLERANCE		ENGINEER		9-15-65			
0 THRU .250		C. HOGENSEN					
.251 THRU .500							
.501 & LARGER							
THREADS: EXT. CL. 2A, INT. CL. 2B		APPROVAL		9-15-65			
MATERIAL		FINISH					
NEXT ASSY		EQUIPMENT					
APPLICATION							
COMMODITY CODE							
TITLE				FUNCTIONAL SCHEMATIC, SENSE AMP, DIGIT DRIVERS BITS 18-20			
CODE IDENT NO.				90536			
SIZE				D			
DWG NO.				7035486			
SCALE				WEIGHT			
SHEET				OF 1			

REVISIONS				
SYM	ZONE	EIR	DESCRIPTION	DATE
A		77408	SEE EIR	8-16-66

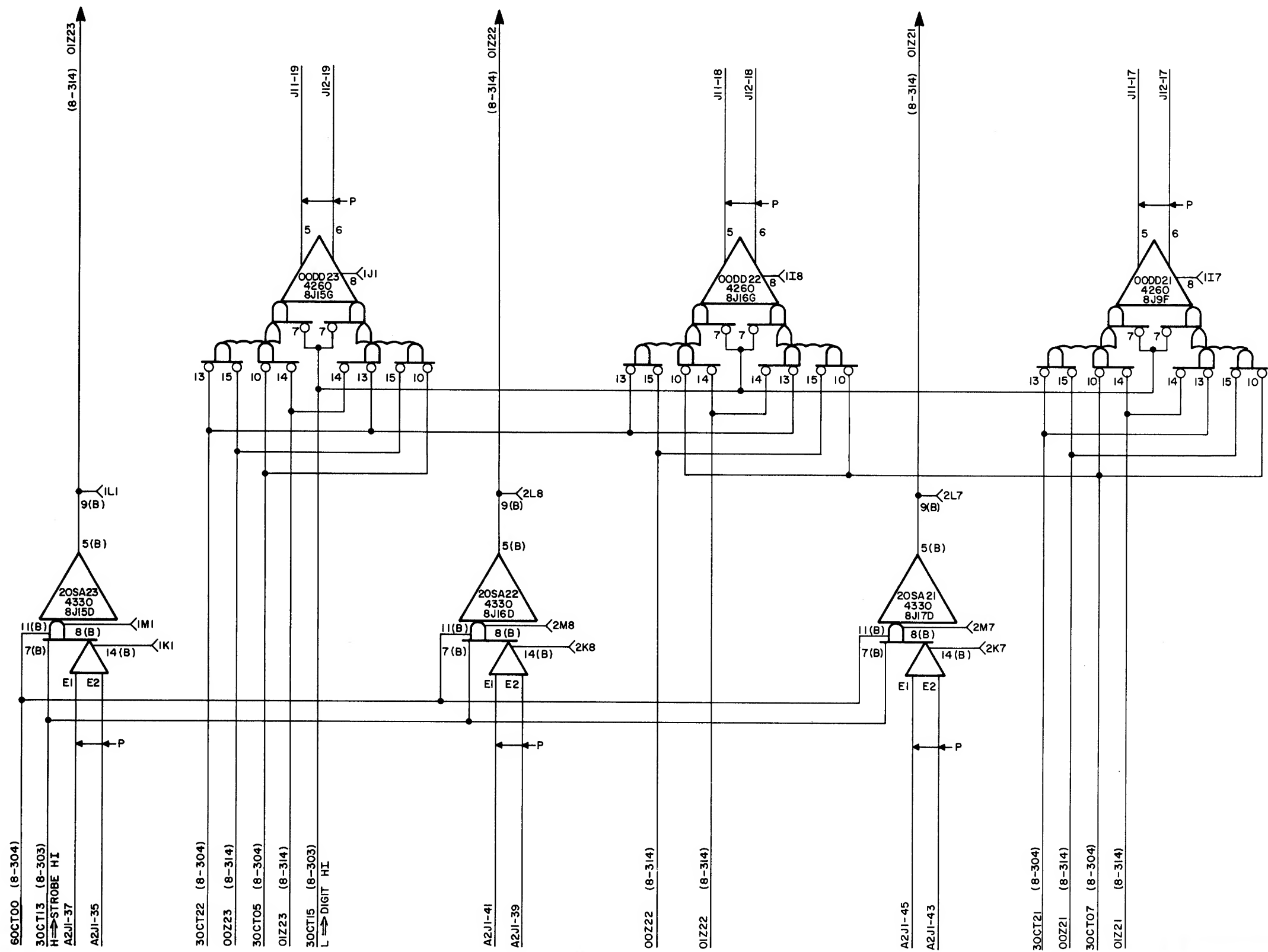


FIGURE 8-324

IDENT NO. 7035487-00

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION AND IS FURNISHED PURSUANT TO THE FOLLOWING INSTRUMENT:

ON THE UNDERSTANDING THAT THIS DOCUMENT AND THE INFORMATION THEREON MAY NOT BE DEALT WITH IN ANY MANNER EXCEPT FOR THE PURPOSES OF THAT INSTRUMENT OR AS OTHERWISE PERMITTED IN WRITING BY THE UNIVAC DIVISION OF SPERRY RAND CORPORATION.

UNLESS OTHERWISE SPECIFIED		LAYOUT		DATE		CLASS	
DIMENSION IN INCHES. TOLERANCE ON 2 PLACE DECIMALS		DRAFTSMAN		8-31-65		A	
HOLE DIAMETER TOLERANCE		D.C. WHEELER				TITLE	
0 THRU .250		CHECKER		9-8-65		FUNCTIONAL SCHEMATIC, SENSE AMP, DIGIT DRIVERS BITS 21-23	
.251 THRU .500		B. POPOV				CODE IDENT NO.	
.501 & LARGER		ENGINEER		C.N. 9-15-65		SIZE	
THREADS: EXT. CL. 2A, INT. CL. 2B		C. HOGENSON				DWG NO.	
MATERIAL		APPROVAL		9-15-65		90536	
FINISH						D	
NEXT ASSY						7035487	
EQUIPMENT						SCALE	
APPLICATION						WEIGHT	
COMMODITY CODE						SHEET 1 OF 1	

REVISIONS				
SYM	ZONE	ERR	DESCRIPTION	CHK DATE APPROVED

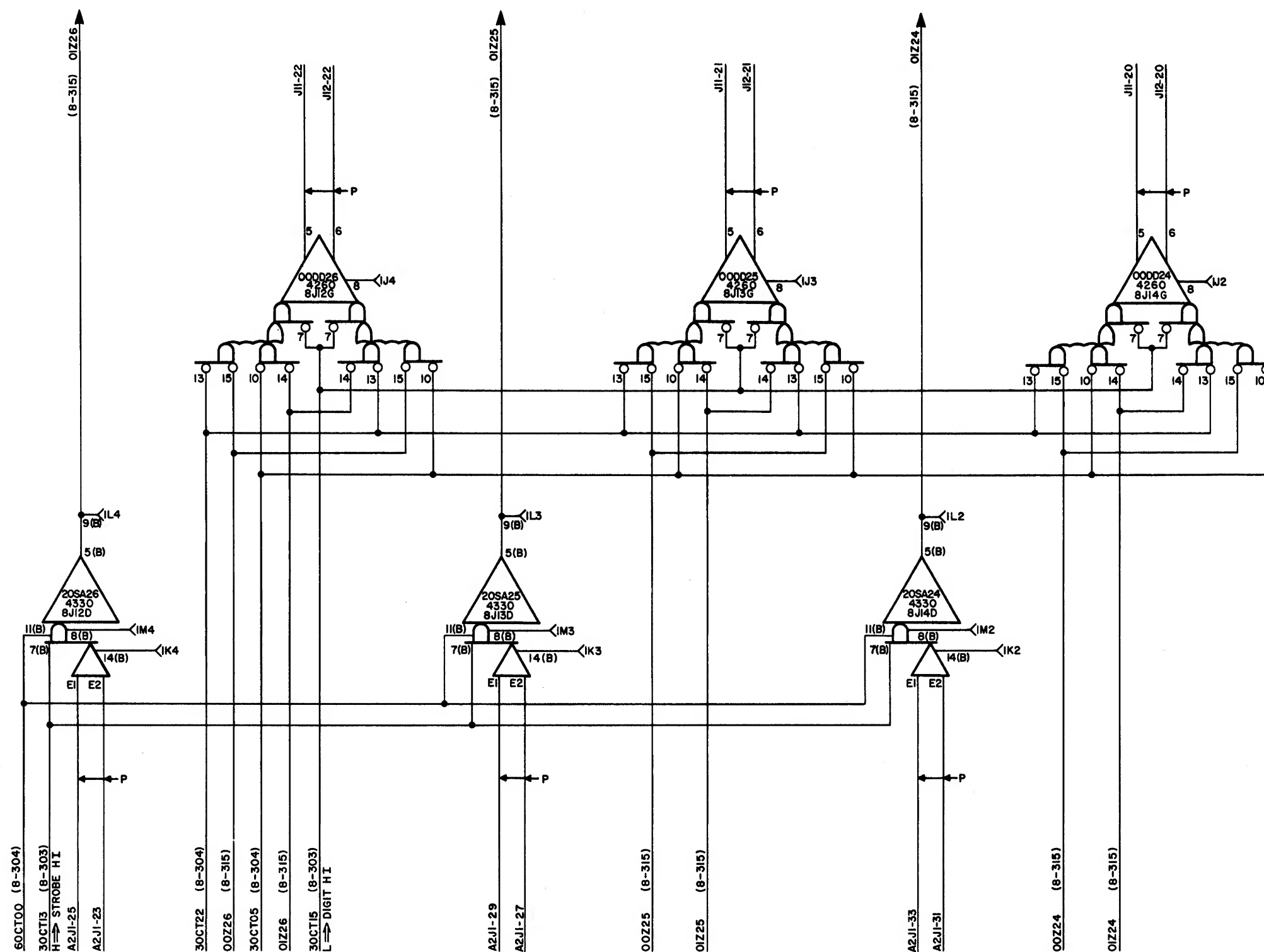


FIGURE 8-325

IDENT NO.7035488-00

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION AND IS FURNISHED PURSUANT TO THE FOLLOWING INSTRUMENT:
ON THE UNDERSTANDING THAT THIS DOCUMENT AND THE INFORMATION THEREON MAY NOT BE DEALT WITH IN ANY MANNER EXCEPT FOR THE PURPOSES OF THAT INSTRUMENT OR AS OTHERWISE PERMITTED IN WRITING BY THE UNIVAC DIVISION OF SPERRY RAND CORPORATION.

UNLESS OTHERWISE SPECIFIED		LAYOUT		DATE		CLASS	
DIMENSION IN INCHES. TOLERANCE ON 2 PLACE DECIMALS		3 PLACE DECIMALS		ANGLES		A	
HOLE DIAMETER TOLERANCE		± .003		± .005		± .010	
THREADS: EXT. CL. 2A, INT. CL. 2B		MATERIAL		FINISH		APPROVAL	
NEXT ASSY		EQUIPMENT		APPLICATION		COMMODITY CODE	
DRAFTSMAN		CHECKER		ENGINEER		APPROVAL	
R. L. JOHNSON		B. POPOV		C. HOGENSEN		C. H. 9/15/65	
TITLE		CODE IDENT NO.		SIZE		DWG NO.	
FUNCTIONAL SCHEMATIC, SENSE AMP, DIGIT DRIVER BITS 24-26		90536		D		7035488	
SCALE		WEIGHT		SHEET		OF	

REVISIONS				
SYM	ZONE	ERR	DESCRIPTION	DATE
A		71703	SEE EIR	11-1-65

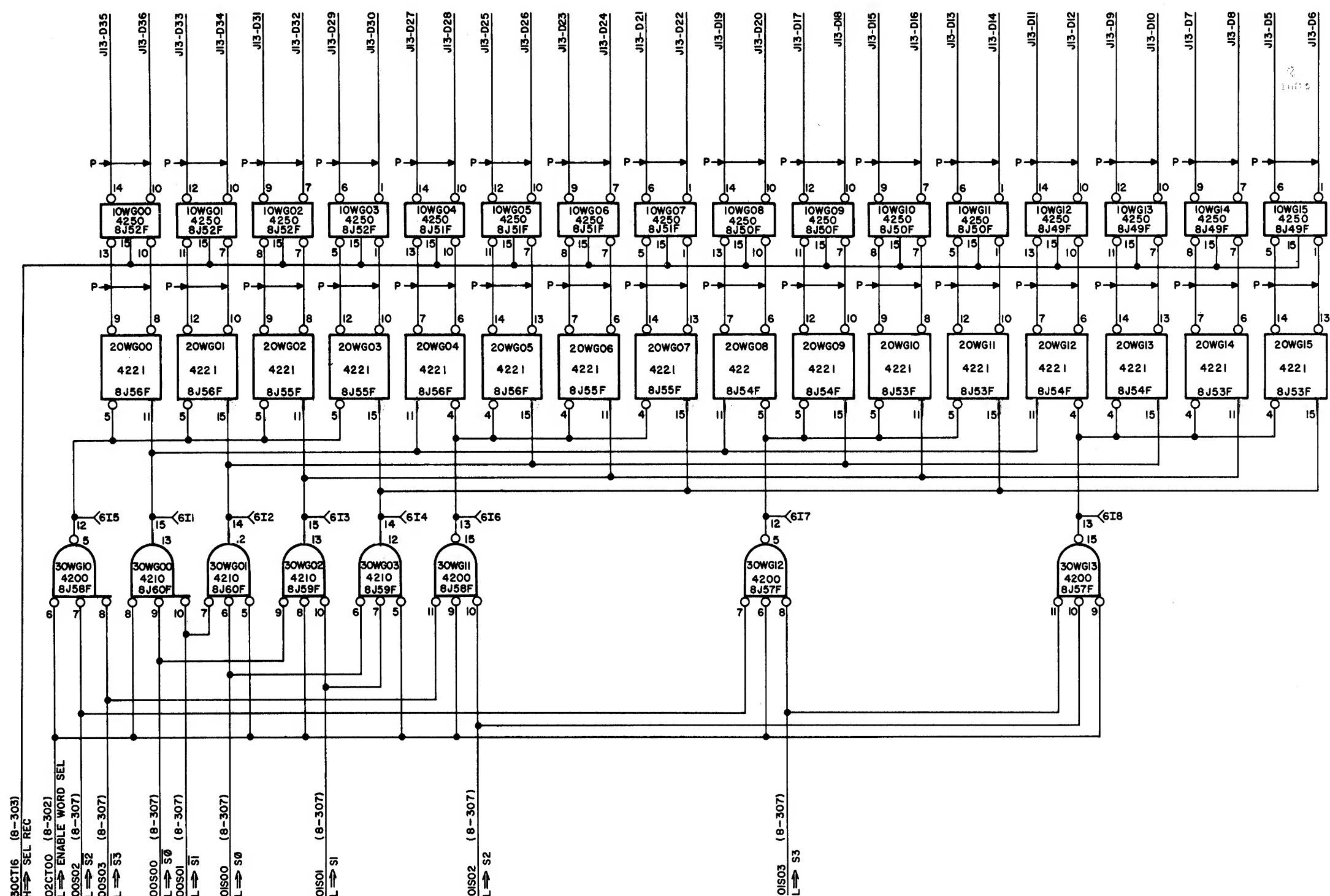


FIGURE 8-327

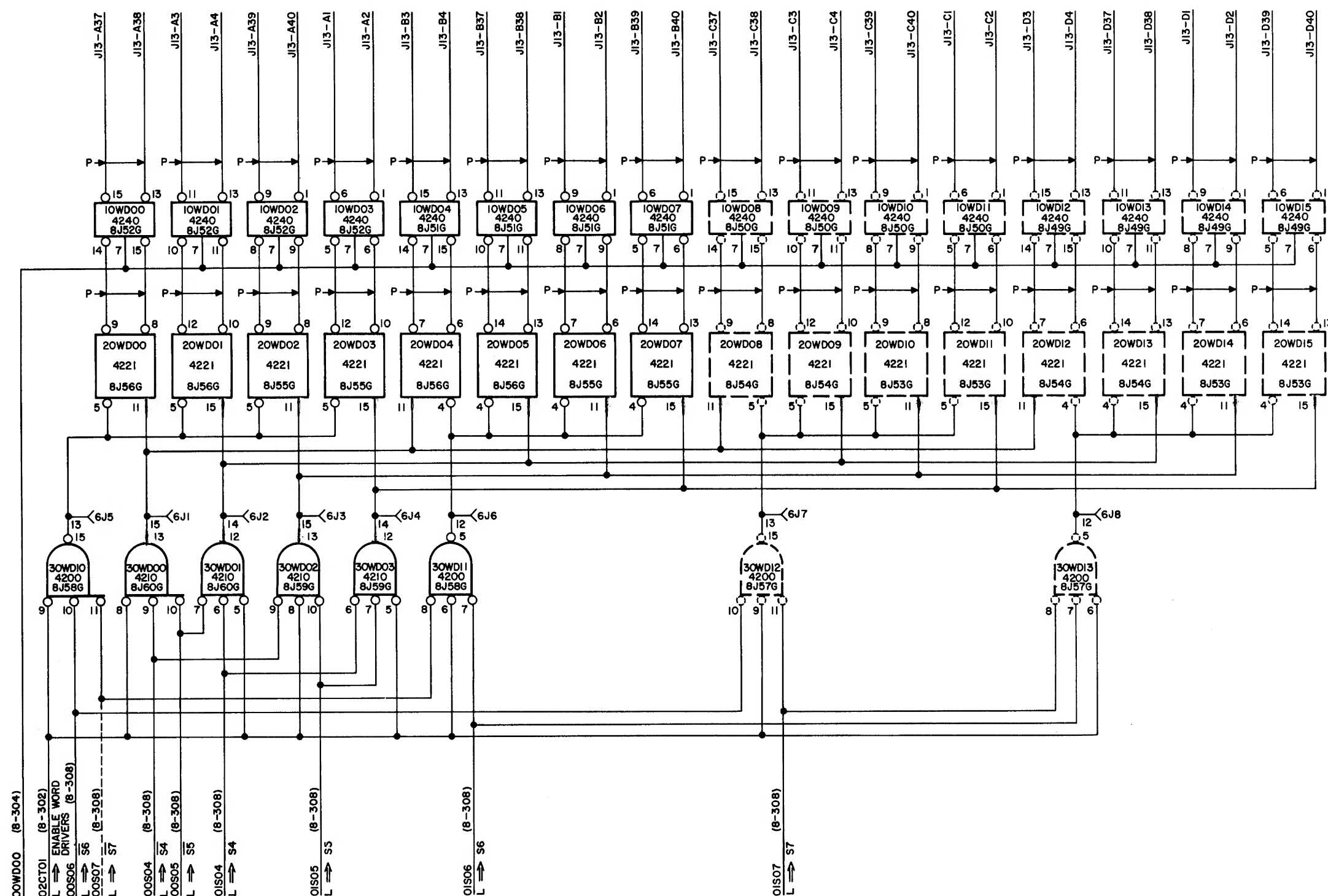
IDENT NO. 7035490-00

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UNLESS OTHERWISE SPECIFIED		LAYOUT		DATE		CLASS	
DIMENSION IN INCHES. TOLERANCE ON:				9-1-65		A	
2 PLACE DECIMALS ± .005		3 PLACE DECIMALS ± .001		DRAFTSMAN		R. L. JOHNSON	
HOLE DIAMETER TOLERANCE				CHECKER		B. POPOV	
8 THRU .250 ± .003		.251 THRU .500 ± .005		ENGINEER		C. HOGENSON	
.501 & LARGER ± .010				APPROVAL		[Signature]	
THREADS: EXT. CL. 2A, INT. CL. 2B				COMMODITY CODE		90536	
MATERIAL				FINISH		D	
NEXT ASSY				EQUIPMENT		7035490	
APPLICATION				DATE		9-15-65	
TITLE				CODE IDENT NO.		90536	
UNIVAC				SIZE		D	
DIVISION OF SPERRY RAND CORPORATION				DWG NO.		7035490	
FUNCTIONAL SCHEMATIC, WORD SELECTORS, CONTROL MEMORY				SCALE		WEIGHT	
				SHEET		OF	

REVISIONS				
SYM	ZONE	EIR	DESCRIPTION	DATE
A		71703	SEE EIR	11-1-65



NOTE:
1. DASHED CIRCUITS ARE USED WITH 256 WORD CONTROL MEMORY ONLY.

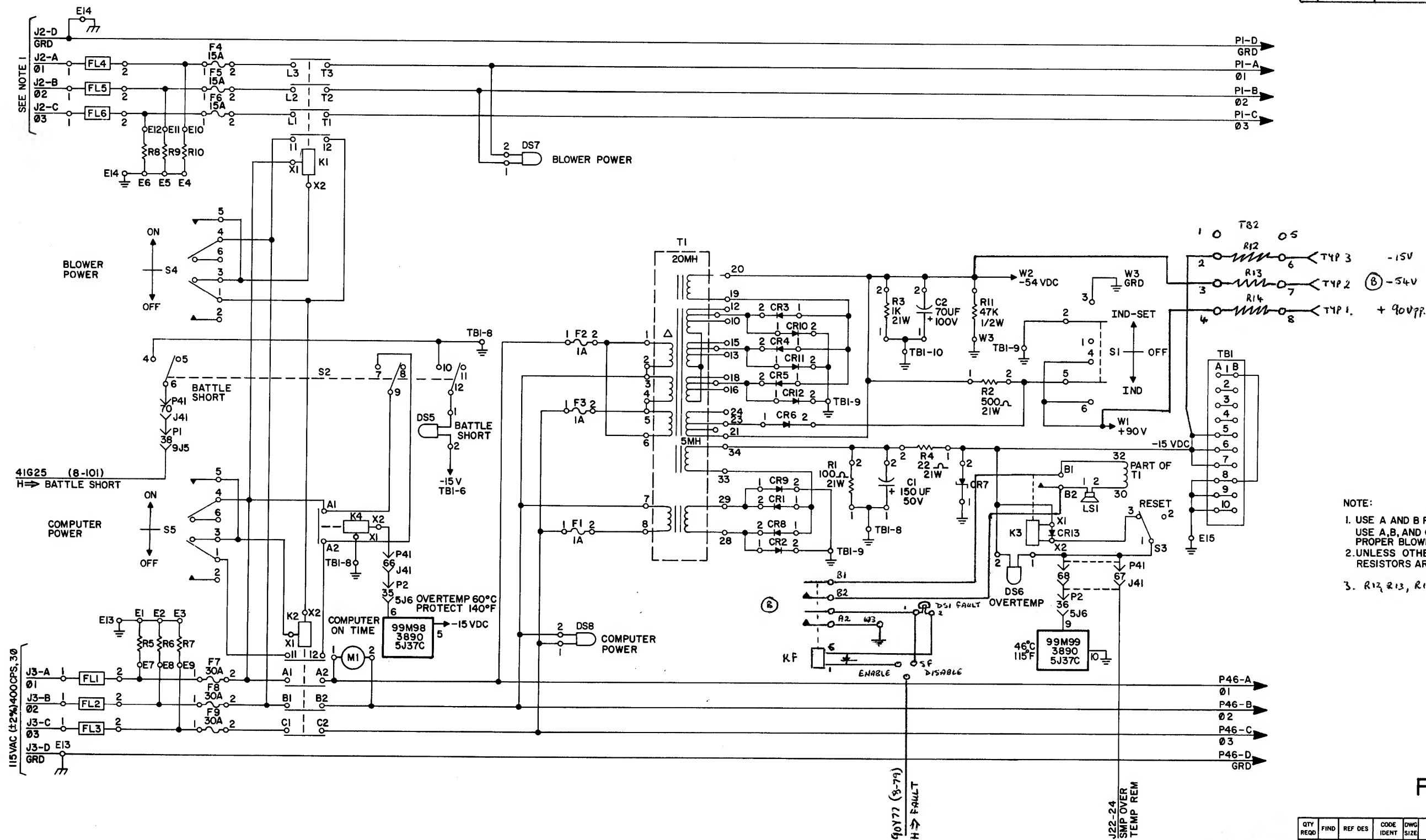
FIGURE 8-328

IDENT NO. 7035491-00

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION AND IS FURNISHED PURSUANT TO THE FOLLOWING INSTRUMENT:
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UNLESS OTHERWISE SPECIFIED		LAYOUT		DATE		CLASS	
DIMENSION IN INCHES: TOLERANCE ON		DRAFTSMAN		9-1-65		A	
2 PLACE DECIMALS ±		D. STATTS				UNIVAC	
3 PLACE DECIMALS ±		CHECKER				DIVISION OF SPERRY RAND CORPORATION	
ANGLES ±		B. POPOV		9-15-65		TITLE	
HOLE DIAMETER TOLERANCE		ENGINEER		C. HOGENSEN		FUNCTIONAL SCHEMATIC, WORD DRIVERS, CONTROL MEMORY	
0 THRU .250 ± .003		APPROVAL		9-11-65		CODE IDENT NO.	
.251 THRU .500 ± .005						SIZE	
.501 & LARGER ± .010						D	
THREADS: EXCEPT 2A, INT CL 2B						DWG NO.	
MATERIAL						7035491	
FINISH						SCALE	
						WEIGHT	
						SHEET 1 OF 1	

REVISIONS				
SYM	ZONE	EIR	DESCRIPTION	CHK DATE APPROVED
A		77473	SEE EIR	4-17-66
B	4777		116428 FAULT ALARM AND TEST POINTS.	



- NOTE:
1. USE A AND B FOR 60CPS 115V 10. USE A,B, AND C FOR 400CPS 115V 30 WITH PROPER BLOWERS.
 2. UNLESS OTHERWISE SPECIFIED ALL RESISTORS ARE 100K 1/4W.
 3. R12, R13, R14 ARE 2K, 18K, 27K 1/4W RESP.

FIGURE 8-329

IDENT NO. 7032888-00

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UNLESS OTHERWISE SPECIFIED		LAYOUT		DATE		CLASS		PART OR IDENTIFYING NO.		NOMENCLATURE OR DESCRIPTION	
DIMENSION IN INCHES. TOLERANCE ON 2 PLACE DECIMALS		DRAFTSMAN		5-28-5		A		UNIVAC		DIVISION OF SPERRY RAND CORPORATION	
HOLE DIAMETER TOLERANCE		CHECKER		9-15-65				FUNCTIONAL SCHEMATIC			
THREADS: EXT. CL. 2A, INT. CL. 2B		ENGINEER		9-15-65				PRIMARY POWER DISTRIBUTION			
MATERIAL		APPROVAL		9-15-65				CODE IDENT NO.		SIZE	
FINISH								90536		D	
								7032888			
								SCALE		WEIGHT	
								SHEET		OF 1	

REVISIONS				
SYM	ZONE	EIR	DESCRIPTION	CHK DATE APPROVED

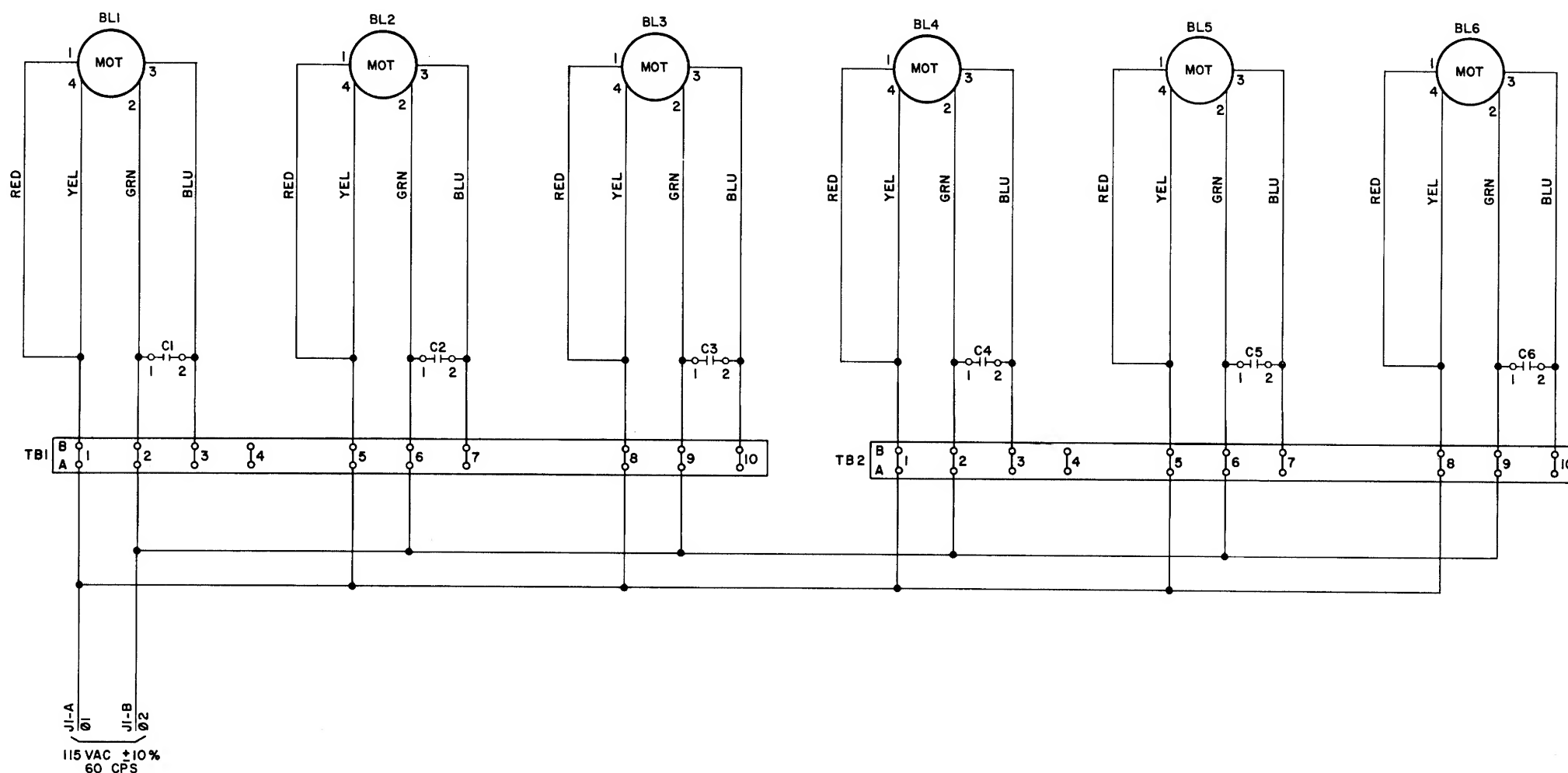


FIGURE 8-330

IDENT NO. 7032889-00

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UNLESS OTHERWISE SPECIFIED		LAYOUT		DATE		CLASS	
DIMENSION IN INCHES TOLERANCE ON 2 PLACE DECIMALS		DRAFTSMAN		5-26-5		A	
HOLE DIAMETER TOLERANCE		W. C. MEGGERS				UNIVAC	
0 THRU .250 +.003		CHECKER		B. POPOV		DIVISION OF SPERRY RAND CORPORATION	
.251 THRU .500 +.005		ENGINEER		H. O. TAM		TITLE	
.501 & LARGER +.010		APPROVAL		9-15-65		FUNCTIONAL SCHEMATIC	
THREADS: EXT. CL. 2A, INT. CL. 2B		COMMODITY CODE		90536		BLOWER POWER 115 VAC, 60 CPS	
MATERIAL		FINISH		D		7032889	
NEXT ASSY		EQUIPMENT		SCALE		WEIGHT	
APPLICATION		SHEET		OF		1	

REVISIONS						
ZONE	LTR	EIR	DESCRIPTION - FOR DETAILS SEE EIR	CHK	DATE	APPROVED

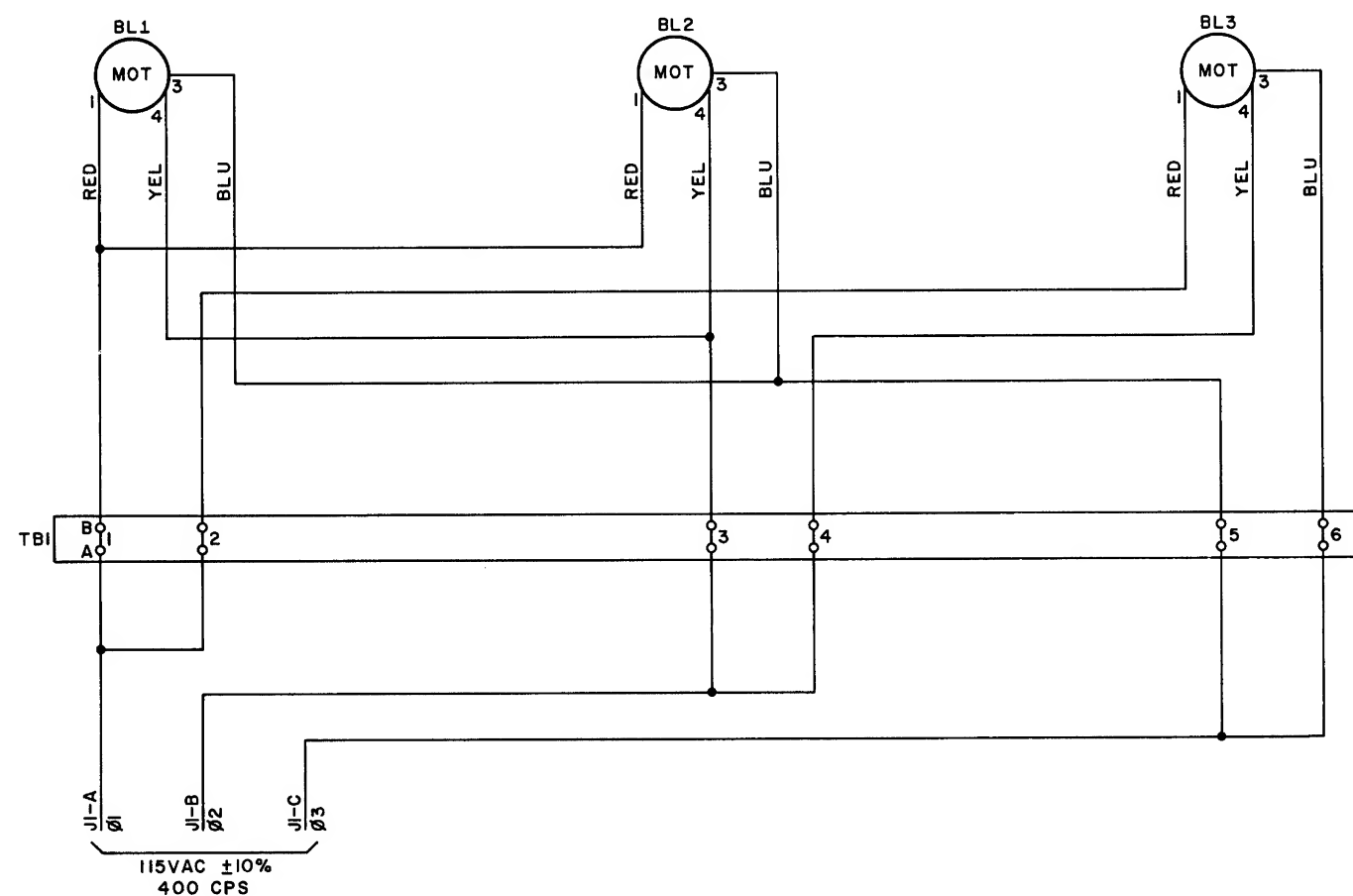

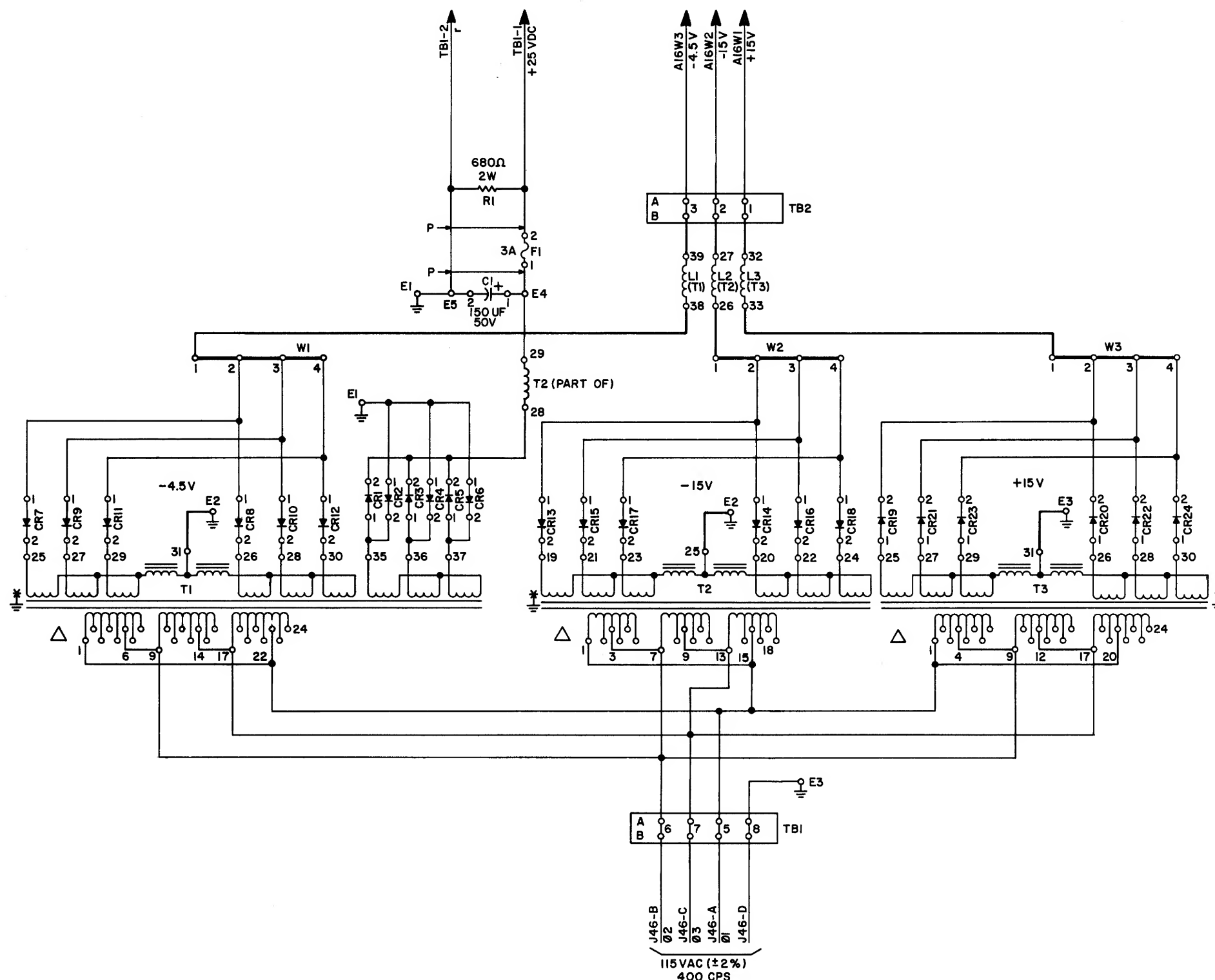


FIGURE 8-330A

IDENT NO. 7046613-00

UNLESS OTHERWISE SPECIFIED		LAYOUT		DATE		CLASS A		 DIVISION OF SPERRY RAND CORPORATION	
DIMENSIONS IN INCHES TOL. ON		DRAFTSMAN				TITLE			
2 PLACE 3 PLACE ANGLES		R. D. MOSENG		5-14-66		FUNCTIONAL SCHEMATIC			
DECIMALS DECIMALS		CHECKER		LAB		BLOWER POWER 115VAC, 400 CPS			
+ -		R. C. NEWMAN		RN					
HOLE DIA. TOL.		ENGINEER		5-14-66		SIZE		CODE IDENT.	
0 THRU .251 THRU .501 AND		BOB STOWELL		702		D		NO.	
.250 .500 LARGER		APPROVAL		F. W. G.		DWG NO.		7046613	
+ .003 + .005 + .010		<i>B. W. Phillips</i>				90536			
- .002 - .003 - .005									
THREADS: EXT. CL 2A, INT. CL 2B						SCALE		WEIGHT	
COMMODITY CODE						SHEET		OF	

REVISIONS					
SYM	ZONE	EIR	DESCRIPTION	CHK	DATE
A		71703	SEE EIR		11-1-65
B		77406	SEE EIR		4-22-66



NOTE:
1. INPUT CONNECTIONS TO PRIMARY TAPS OF
T₁, T₂, & T₃, MAY BE VARIED TO ADJUST
D.C. VOLTAGE OUTPUTS.

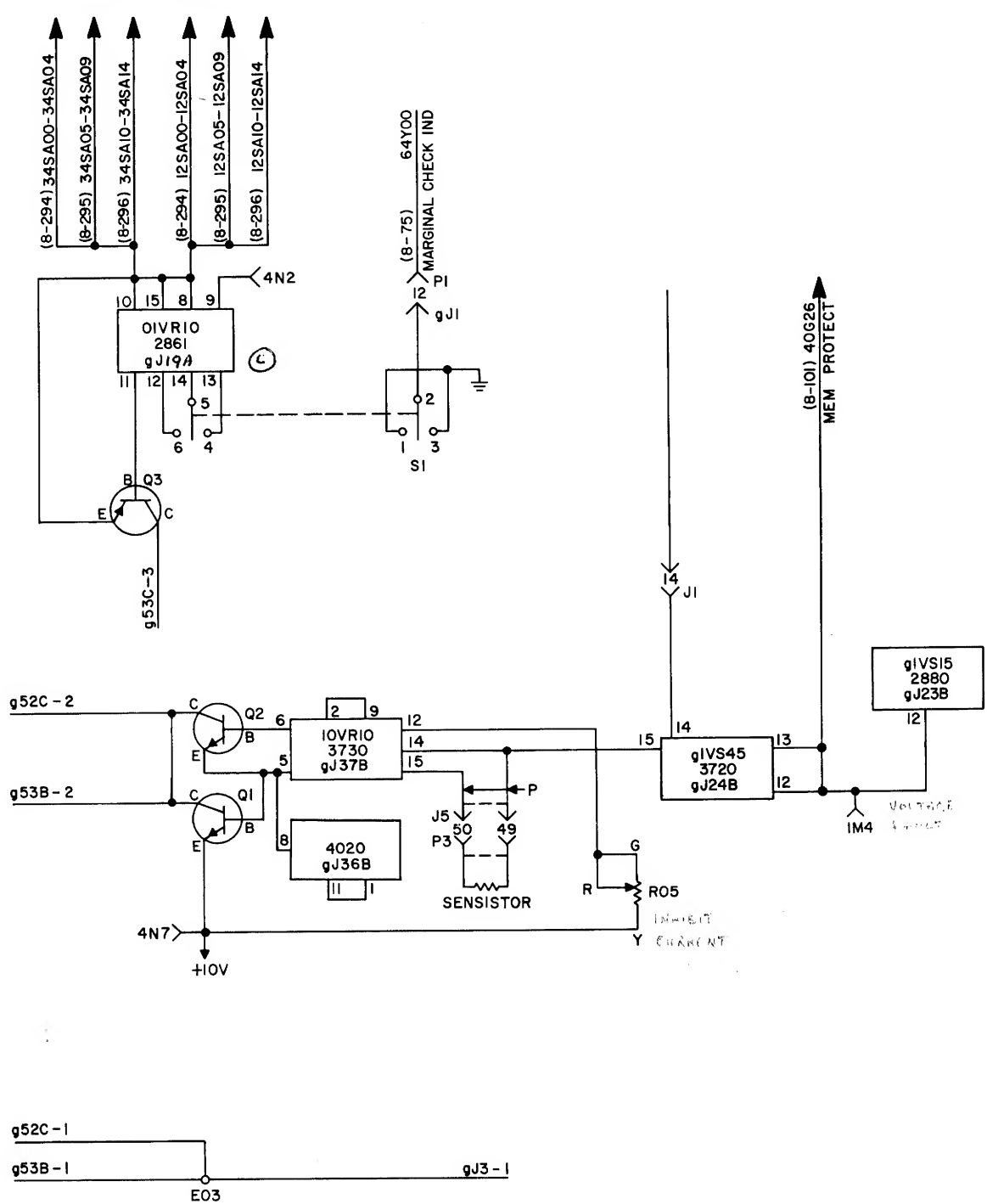
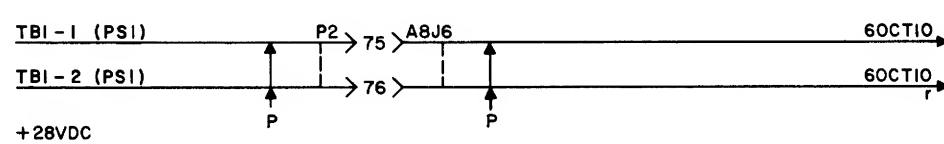
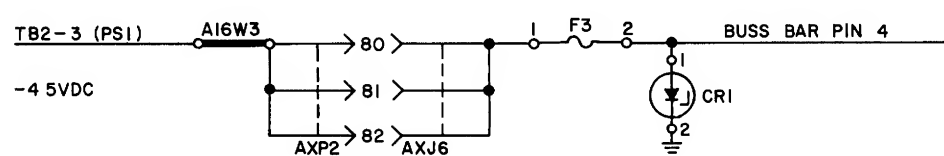
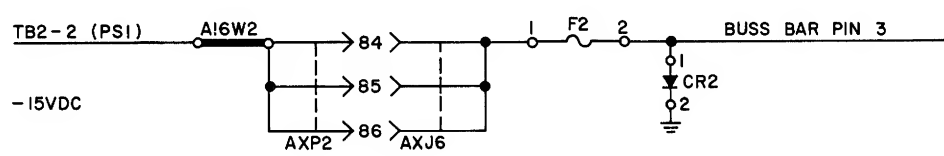
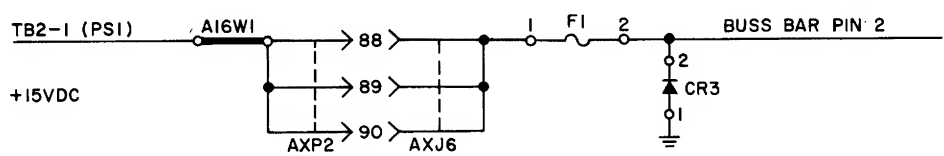
FIGURE 8-331

IDENT NO. 7032887-00

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UNLESS OTHERWISE SPECIFIED		LAYOUT		DATE		CLASS	
DIMENSION IN INCHES. TOLERANCE ON 2 PLACE DECIMALS		DRAFTSMAN		5-27-5		A	
HOLE DIAMETER TOLERANCE		W.C. MEGGERS		9/15/65		TITLE	
0 THRU .250 +.003		CHECKER		B.P.		FUNCTIONAL SCHEMATIC, DC POWER SUPPLY (PSI)	
.251 THRU .500 +.005		ENGINEER		H.O. TAM		CODE IDENT NO.	
.501 & LARGER +.010		APPROVAL		9/15/65		SIZE	
THREADS: EXT. CL. 2A, INT. CL. 2B		FINISH				DWG NO.	
MATERIAL						90536 D 7032887	
NEXT ASSY		EQUIPMENT				SCALE	
APPLICATION						WEIGHT	
COMMODITY CODE						SHEET 1 OF 1	

REVISIONS				
SYM	ZONE	EIR	DESCRIPTION	CHK DATE APPROVED
A		71703	SEE EIR	BP 11-1-65
B		77406	SEE EIR	21 1-22-66
C	4694		FACILITATE ADJUSTMENT OF SENSE BIAS.	



- NOTE:
1. ON ALL PLUGS ON A15 AND A16 PIN ONE IS RETURNED TO GRD.
 2. X TYPICAL FOR ALL CHASSIS A1-A13
 3. A10J4 PINS 2,3,4,15 AND 17 ARE GROUNDED
A11J4 PINS 2,3,4 AND 12 ARE GROUNDED
A12J4 PINS 2,3,4 AND 7 ARE GROUNDED
A13J4 PINS 2,3,4 AND 7 ARE GROUNDED

FIGURE 8-332

IDENT NO. 7032886-00

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION AND IS FURNISHED PURSUANT TO THE FOLLOWING INSTRUMENT:

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UNLESS OTHERWISE SPECIFIED		LAYOUT		DATE		CLASS	
DIMENSION IN INCHES. TOLERANCE ON 2 PLACE DECIMALS		DRAFTSMAN		8-13-65		A	
HOLE DIAMETER TOLERANCE		D. STATT		9-15-65		TITLE	
0 THRU .250 ± .003		CHECKER		B. POPOV		FUNCTIONAL SCHEMATIC, DC POWER DISTRIBUTION	
.251 THRU .500 ± .005		ENGINEER		H. O. TAM		CODE IDENT NO. 90536	
.501 & LARGER ± .010		APPROVAL		9-15-65		SIZE D	
THREADS: EXT. CL. 2A, INT. CL. 2B		MATERIAL		FINISH		DWG NO. 7032886	
NEXT ASSY		EQUIPMENT		APPLICATION		SCALE	
COMMODITY CODE		FINISH		SHEET 1 OF 1			

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
G		5gY01 60	5gY03 60	5gY05 60	5gY07 61	5gY09 61	5gY11 61	5gY13 61	5gY15 62	5gY17 62	5gY19 62	5gY21 62	5gY23 63	5gY25 63	5gY27 63	5gY29 63	04Yg0 45	04Yg1 45	04Yg2 45	04Yg3 45	34Gg0 37	6XQg0 36	6XQg1 36	IXQg1 41	IXQg2 41	3gN50 64	3gN56 45		3XGg4 33	3XGg5 33	38Gg6 33	
		DLD ***	DLD ***	DLD ***	DLD ***	DLD ***	DLD ***	DLD ***	DLD ***	DLD ***	DLD ***	DLD ***	DLD ***	DLD ***	DLD ***	DLD ***	IC SEL Δ	IC SEL Δ	IC SEL Δ	IC SEL Δ	22222 2040	FF 2900	FF 2900	FF 2930	FF 2930	2-3-3 2990	22222 2640		FF 2020	FF 2020	TD 3480	
F		5gY00 60	5gY02 60	5gY04 60	5gY06 60	5gY08 61	5gY10 61	5gY12 61	5gY14 62	5gY16 62	5gY18 62	5gY20 62	5gY22 63	5gY24 63	5gY26 63	5gY28 63	05Yg0 43	05Yg1 43	05Yg2 43	05Yg3 43	07Qg0 37	66Qg0 36	66Qg1 36	66Qg2 36	66Qg3 36	14Qg0 21	3XQg0 42	3XQg1 42	26Gg0 27	26Gg1 28	26Gg2 29	26Gg3 30
	CA 3180	DLD ***	DLD ***	DLD ***	DLD ***	DLD ***	DLD ***	DLD ***	DLD ***	DLD ***	DLD ***	DLD ***	DLD ***	DLD ***	DLD ***	DLD ***	NC SEL 4010	NC SEL 4010	NC SEL 4010	NC SEL 4010	07Qg1 37	07Qg2 37	07Qg3 37	07Qg4 37	07Qg5 37	07Qg6 37	07Qg7 37	07Qg8 37	07Qg9 37	07Qg10 37	07Qg11 37	07Qg12 37
E		gXC00 60	gXC02 60	gXC04 60	gXC06 60	gXC08 61	gXC10 61	gXC12 61	gXC14 62	gXC16 62	gXC18 62	gXC20 62	gXC22 63	gXC24 63	gXC26 63	gXC28 63	OXQg0 43	OXQg1 43	OXQg2 43	OXQg3 43	05Qg0 36	05Qg1 36	05Qg2 36	05Qg3 36	2gN56 65	5XQg0 38	5XQg1 38	35Qg0 42	35Qg1 42	35Qg2 42	35Qg3 42	35Qg4 42
		FF 2900	FF 2900	FF 2900	FF 2900	FF 2900	FF 2900	FF 2900	FF 2900	FF 2900	FF 2900	FF 2900	FF 2900	FF 2900	FF 2900	FF 2900	FF 2930	FF 2930	5-4 2030	5-4 2030	5-4 2030	5-4 2030	5-4 2030	2-3-3 2990	FF 2930	FF 2930	3-3-2 2060	3-3-2 2060		2-3 2013	2-3 2013	2-3-3 2990
D		41Yg0 43	41Yg1 43	43Yg0 40	43Yg1 40	45Yg0 35	45Yg1 35	45Yg2 35	45Yg3 35	46Yg0 35	46Yg1 35	46Yg2 35	46Yg3 35		22Qg0 40	22Qg1 40	22Qg2 40	22Qg3 40	22Qg4 40	22Qg5 40	22Qg6 40	22Qg7 40	22Qg8 40	22Qg9 40	22Qg10 40	22Qg11 40	22Qg12 40	22Qg13 40	22Qg14 40	22Qg15 40	22Qg16 40	22Qg17 40
	CA 3180	IA *	IA *	IA *	IA *	CLD **	CLD **	CLD **	CLD **	CLD **	CLD **	CLD **	CLD **	CLD **	CLD **	CLD **	FF 2930	FF 2930	5-4 2030	5-4 2030	5-4 2030	5-4 2030	5-4 2030	5-4 2030	5-4 2030	5-4 2030	5-4 2030	5-4 2030	5-4 2030	5-4 2030	5-4 2030	5-4 2030
C		74Cg2 69	73Cg3 69			OgN58 45	2gN58 45	3XGg3 33	39Gg2 33	3XGg2 33	39Gg1 33	3XGg1 33		35Yg0 33	35Yg1 33	35Yg2 33	35Yg3 33	35Yg4 33	35Yg5 33	35Yg6 33	35Yg7 33	35Yg8 33	35Yg9 33	35Yg10 33	35Yg11 33	35Yg12 33	35Yg13 33	35Yg14 33	35Yg15 33	35Yg16 33	35Yg17 33	35Yg18 33
	2-3 2013	2-3 2013				2-3 2013	2-3 2013	FF 2020	TD 3480	FF 2020	DL 3480	FF 2020		FF 2020	FF 2020	FF 2020	FF 2020	FF 2020	FF 2020	FF 2020	FF 2020	FF 2020	FF 2020	FF 2020	FF 2020	FF 2020	FF 2020	FF 2020	FF 2020	FF 2020	FF 2020	FF 2020
B		IgN65 66	73Cg4 69						34Gg7 35	27Gg7 35	35Vg1 12	34Vg1 12	35Vg2 12		34Gg9 33	33Gg9 33	65Ig3 12	4gN55 67	4gN54 67	32Gg3 35	2gN64 35	4gN61 65	4gN62 65	4gN63 65	4gN64 65	4gN65 65	4gN66 65	4gN67 65	4gN68 65	4gN69 65	4gN70 65	4gN71 65
	CA 3180	2-3 2013							2-3-3 2990	22222 2640	2-3-3 2990	FF 2020	3-3-2 2060	3-3-2 2060	FF 2020	2-3 2013	3-3-2 2060	2-3-3 2990	2-3-3 2990	2-3-3 2990	2-3-3 2990	2-3-3 2990	2-3-3 2990	2-3-3 2990	2-3-3 2990	2-3-3 2990	2-3-3 2990	2-3-3 2990	2-3-3 2990	2-3-3 2990	2-3-3 2990	2-3-3 2990
A		91Qg0 41	91Qg1 41	91Qg2 41	91Qg3 41	91Qg4 41	91Qg5 41	91Qg6 41	91Qg7 41	91Qg8 41	91Qg9 41	91Qg10 41	91Qg11 41	91Qg12 41	91Qg13 41	91Qg14 41	91Qg15 41	91Qg16 41	91Qg17 41	91Qg18 41	91Qg19 41	91Qg20 41	91Qg21 41	91Qg22 41	91Qg23 41	91Qg24 41	91Qg25 41	91Qg26 41	91Qg27 41	91Qg28 41	91Qg29 41	91Qg30 41
		IND 3880	IND 3880	IND 3880	IND 3880	IND 3880	IND 3880	IND 3880	IND 3880	IND 3880	IND 3880	IND 3880	IND 3880	IND 3880	IND 3880	IND 3880	IND 3880	IND 3880	IND 3880	IND 3880	IND 3880	IND 3880	IND 3880	IND 3880	IND 3880	IND 3880	IND 3880	IND 3880	IND 3880	IND 3880	IND 3880	IND 3880

REVISIONS				
SYM	ZONE	EIR	DESCRIPTION	DATE
A	E12781		CD 1 SHOT CLR ON IC CHAN ATEF	
B	4088		INTERCOMPUTER TERMINATION.	

- NOTE:
- IA = 2090 FOR SLOW INTERFACE
= 2321 FOR FAST INTERFACE
 - CLD = 2130 FOR SLOW INTERFACE
= 2332 FOR FAST INTERFACE
 - DLD = 2141 FOR SLOW INTERFACE
= 2342 FOR FAST INTERFACE
 - CARD IS REMOVED FOR FAST INTERFACE
 - CARD IS REMOVED FOR SLOW INTERFACE
 - INSTALLED FOR USE WITH 65 K
EXTERNAL MEMORY UNIT.
 - TO MAKE CHANNELS EITHER NORMAL OR
INTER-COMPUTER A 4010 JUMPER
CARD SHALL BE INSTALLED AS FOLLOWS:
CHANNEL NORMAL INTER-COMPUTER
- | | | |
|---|------|------|
| 0 | J17F | J17G |
| 1 | J18F | J18G |
| 2 | J19F | J19G |
| 3 | J20F | J20G |
- CHANNEL PRIORITY SELECTED BY INSTALLING
2030 CARD IN ONE OF FOUR POSSIBLE LOCA-
TIONS.

FIGURE 8-333

IDENT NO. 7075296-00	UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES TOLERANCE ON 2 PLACE DECIMALS 3 PLACE DECIMALS ANGLES HOLE DIAMETER TOLERANCE 0 THRU .250 .001 THRU .500 .001 & LARGER -.002 .001 .002 .003 .004 .005 THREADS: E, F, G, H, I, J, K, L, M, N, P, Q, R, S, T, U, V, W, X, Y, Z, AA, AB, AC, AD, AE, AF, AG, AH, AI, AJ, AK, AL, AM, AN, AO, AP, AQ, AR, AS, AT, AU, AV, AW, AX, AY, AZ, BA, BB, BC, BD, BE, BF, BG, BH, BI, BJ, BK, BL, BM, BN, BO, BP, BQ, BR, BS, BT, BU, BV, BW, BX, BY, BZ, CA, CB, CC, CD, CE, CF, CG, CH, CI, CJ, CK, CL, CM, CN, CO, CP, CQ, CR, CS, CT, CU, CV, CW, CX, CY, CZ, DA, DB, DC, DD, DE, DF, DG, DH, DI, DJ, DK, DL, DM, DN, DO, DP, DQ, DR, DS, DT, DU, DV, DW, DX, DY, DZ, EA, EB, EC, ED, EE, EF, EG, EH, EI, EJ, EK, EL, EM, EN, EO, EP, EQ, ER, ES, ET, EU, EV, EW, EX, EY, EZ, FA, FB, FC, FD, FE, FF, FG, FH, FI, FJ, FK, FL, FM, FN, FO, FP, FQ, FR, FS, FT, FU, FV, FW, FX, FY, FZ, GA, GB, GC, GD, GE, GF, GG, GH, GI, GJ, GK, GL, GM, GN, GO, GP, GQ, GR, GS, GT, GU, GV, GW, GX, GY, GZ, HA, HB, HC, HD, HE, HF, HG, HH, HI, HJ, HK, HL, HM, HN, HO, HP, HQ, HR, HS, HT, HU, HV, HW, HX, HY, HZ, IA, IB, IC, ID, IE, IF, IG, IH, II, IJ, IK, IL, IM, IN, IO, IP, IQ, IR, IS, IT, IU, IV, IW, IX, IY, IZ, JA, JB, JC, JD, JE, JF, JG, JH, JI, JJ, JK, JL, JM, JN, JO, JP, JQ, JR, JS, JT, JU, JV, JW, JX, JY, JZ, KA, KB, KC, KD, KE, KF, KG, KH, KI, KJ, KK, KL, KM, KN, KO, KP, KQ, KR, KS, KT, KU, KV, KW, KX, KY, KZ, LA, LB, LC, LD, LE, LF, LG, LH, LI, LJ, LK, LL, LM, LN, LO, LP, LQ, LR, LS, LT, LU, LV, LW, LX, LY, LZ, MA, MB, MC, MD, ME, MF, MG, MH, MI, MJ, MK, ML, MM, MN, MO, MP, MQ, MR, MS, MT, MU, MV, MW, MX, MY, MZ, NA, NB, NC, ND, NE, NF, NG, NH, NI, NJ, NK, NL, NM, NN, NO, NP, NQ, NR, NS, NT, NU, NV, NW, NX, NY, NZ, OA, OB, OC, OD, OE, OF, OG, OH, OI, OJ, OK, OL, OM, ON, OO, OP, OQ, OR, OS, OT, OU, OV, OW, OX, OY, OZ, PA, PB, PC, PD, PE, PF, PG, PH, PI, PJ, PK, PL, PM, PN, PO, PP, PQ, PR, PS, PT, PU, PV, PW, PX, PY, PZ, QA, QB, QC, QD, QE, QF, QG, QH, QI, QJ, QK, QL, QM, QN, QO, QP, QQ, QR, QS, QT, QU, QV, QW, QX, QY, QZ, RA, RB, RC, RD, RE, RF, RG, RH, RI, RJ, RK, RL, RM, RN, RO, RP, RQ, RR, RS, RT, RU, RV, RW, RX, RY, RZ, SA, SB, SC, SD, SE, SF, SG, SH, SI, SJ, SK, SL, SM, SN, SO, SP, SQ, SR, SS, ST, SU, SV, SW, SX, SY, SZ, TA, TB, TC, TD, TE, TF, TG, TH, TI, TJ, TK, TL, TM, TN, TO, TP, TQ, TR, TS, TT, TU, TV, TW, TX, TY, TZ, UA, UB, UC, UD, UE, UF, UG, UH, UI, UJ, UK, UL, UM, UN, UO, UP, UQ, UR, US, UT, UY, UZ, VA, VB, VC, VD, VE, VF, VG, VH, VI, VJ, VK, VL, VM, VN, VO, VP, VQ, VR, VS, VT, VU, VV, VW, VX, VY, VZ, WA, WB, WC, WD, WE, WF, WG, WH, WI, WJ, WK, WL, WM, WN, WO, WP, WQ, WR, WS, WT, WU, WV, WW, WX, WY, WZ, XA, XB, XC, XD, XE, XF, XG, XH, XI, XJ, XK, XL, XM, XN, XO, XP, XQ, XR, XS, XT, XU, XV, XW, XX, XY, XZ, YA, YB, YC, YD, YE, YF, YG, YH, YI, YJ, YK, YL, YM, YN, YO, YP, YQ, YR, YS, YT, YU, YV, YW, YX, YY, YZ, ZA, ZB, ZC, ZD, ZE, ZF, ZG, ZH, ZI, ZJ, ZK, ZL, ZM, ZN, ZO, ZP, ZQ, ZR, ZS, ZT, ZU, ZV, ZW, ZX, ZY, ZZ	DATE 1-26-67	CLASS A	TITLE CHASSIS MAP, CHASSIS 1,2,3,4 PART 1					
THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE UNITED STATES OF AMERICA. IT IS TO BE KEPT SECRET AND NOT DISCLOSED TO ANY OTHER PERSON OR ORGANIZATION WITHOUT THE WRITTEN AUTHORIZATION OF THE UNITED STATES OF AMERICA.	DRAFTSMAN G. R. THOMPSON	CHECKER R. E. STRELNIEKS	ENGINEER D. FREE	CODE IDENT NO. 90536	SIZE D	DWG NO. 7075296	SCALE	WEIGHT	SHEET 1 OF 2

	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62			
G	38Gg5 33 ----- (*)	3XGg6 33 (*)		3XGg8 34	8XIg2 34 8XIg3 34	8XIg0 34 8XIg1 34	IXIg2 5 IXIg3 5	IXIg0 5 IXIg1 5	7gN50 64 6gN56 45 OgN56 45	45Ig3 7 25Ig3 6	45Ig2 7 25Ig2 6	45Ig1 7 25Ig1 6	45Ig0 7 25Ig0 6	2XIg2 6 2XIg3 6	2XIg0 6 2XIg1 6	02Ig0 4 02Ig1 4 02Ig2 4 02Ig3 4 3gN79 68	22Ig0 6 22Ig1 6 22Ig2 6 22Ig3 6 OgN79 68		47Yg3 7	47Yg2 7	47Yg1 7	47Yg0 7	44Yg3 34	44Yg2 34	44Yg1 34	44Yg0 34	42Yg2 6 42Yg3 6	42Yg0 6 42Yg1 6	40Yg2 4 40Yg3 4	40Yg0 4 40Yg1 4				
	TD 3480	FF 2020		FF 2020	FF 2900	FF 2900	FF 2930	FF 2930	2-3-3 2990	3-6 2080	3-6 2080	3-6 2080	3-6 2080	3-6 2080	FF 2930	FF 2930	1-1-1-1-1 2070	1-1-1-1-1 2070		CLD **	CLD **	CLD **	CLD **	CLD **	CLD **	CLD **	CLD **	IA *	IA *	IA *	IA *	CA 3180		
F	1gN54 67 1gN55 67 3gN54 67	OXsg00 8 OXsg01 8 OXsg11 8	OXsg10 8 OXsg11 8 OXsg21 8	OXsg20 8 OXsg21 8 OXsg31 8	OXsg30 8 OXsg31 8 OXsg41 8	05sg00 8 3XIg2 5 3XIg3 5	3XIg0 5 3XIg1 5	4gN57 66 1gN50 64 OgN51 65	05Ig3 4 36Ig0 5	05Ig2 4 46Ig0 7	05Ig1 4 26Ig0 6	05Ig0 4 06Ig0 4	0XIg2 4 0XIg3 4	0XIg0 4 0XIg1 4	OgY28 59 OgY29 59	OgY26 58 OgY27 59	OgY24 58 OgY25 58	OgY22 57 OgY23 57	OgY20 56 OgY21 57	OgY18 56 OgY19 56	OgY16 55 OgY17 55	OgY14 54 OgY15 54	OgY12 53 OgY13 54	OgY10 52 OgY11 53	OgY08 52 OgY09 53	OgY06 52 OgY07 52	OgY04 51 OgY05 51	OgY02 50 OgY03 51	OgY00 50 OgY01 50					
	2-3-3 2990	FF 2930	FF 2930	FF 2930	FF 2930	22222 2040	FF 2930	FF 2930	2-3-3 2990	5-4 2030	5-4 2030	5-4 2030	5-4 2030	FF 2930	FF 2930	IA *	IA *	IA *	IA *	IA *	IA *	IA *	IA *	IA *	IA *	IA *	IA *	IA *	IA *	IA *	IA *			
E	1gN78 68 22Gg3 30	IXsg00 9 IXsg01 9	IXsg10 9 IXsg11 9	IXsg20 9 IXsg21 9	IXsg30 9 IXsg31 9	05sg01 8 35Ig2 5 35Ig3 5 33Gg5 34	35Ig0 5 35Ig1 5 11Vg3 15	1gN51 65 3gN55 67 5gN54 67	14Ig0 21 6gN51 65 7gN51 65 6gN50 64	5XIg2 7 5XIg3 7	5XIg0 7 5XIg1 7	4XIg2 7 4XIg3 7	4XIg0 7 4XIg1 7	1gY28 59 1gY29 59	1gY26 58 1gY27 59	1gY24 58 1gY25 58	1gY22 57 1gY23 57	1gY20 56 1gY21 57	1gY18 56 1gY19 56	1gY16 55 1gY17 55	1gY14 54 1gY15 54	1gY12 53 1gY13 54	1gY10 52 1gY11 53	1gY08 52 1gY09 53	1gY06 52 1gY07 52	1gY04 51 1gY05 51	1gY02 50 1gY03 51	1gY00 50 1gY01 50						
	2-3 2013	FF 2930	FF 2930	FF 2930	FF 2930	22222 2040	3-3-2 2060	3-3-2 2060	2-3-3 2990	22222 2040	2-3-3 2990	FF 2930	FF 2930	FF 2930	FF 2930	IA *	IA *	IA *	IA *	IA *	IA *	IA *	IA *	IA *	IA *	IA *	IA *	IA *	IA *	IA *	CA 3180			
D	5gN55 67 10Vg5 16 3gN52 65	2Xsg00 10 2Xsg01 10	2Xsg10 10 2Xsg11 10	2Xsg20 10 2Xsg21 10	2Xsg30 10 2Xsg31 10	15sg00 9 15sg01 9 25sg00 10	15sg01 9 25sg00 10	25sg01 10 25sg02 10	06sg00 8 06sg01 8	OgN53 66 2gN53 66 1gN53 66	15Gg3 25 16Gg2 25 OgN50 64 13Vg9 21 13Vg8 21	25Gg1 31 27Gg1 31	25Gg0 31 27Gg0 31	8gZ28 59 8gZ29 59	8gZ26 58 8gZ27 59	8gZ24 58 8gZ25 58	8gZ22 57 8gZ23 57	8gZ20 56 8gZ21 57	8gZ18 56 8gZ19 56	8gZ16 55 8gZ17 55	8gZ14 54 8gZ15 54	8gZ12 53 8gZ13 54	8gZ10 52 8gZ11 53	8gZ08 52 8gZ09 53	8gZ06 52 8gZ07 52	8gZ04 51 8gZ05 51	8gZ02 50 8gZ03 51	8gZ00 50 8gZ01 50						
	2-3-3 2990	FF 2930	FF 2930	FF 2930	FF 2930	22222 2040	22222 2040	22222 2040	22222 2040	4-3-3 2920	4-3-3 2920	2-3-3 2990	1-1-1-1-1 2070	2-3 2013	2-3 2013	5-4 2030	5-4 2030	5-4 2030	5-4 2030	5-4 2030	5-4 2030	5-4 2030	5-4 2030	5-4 2030	5-4 2030	5-4 2030	5-4 2030	5-4 2030	5-4 2030	5-4 2030				
C	5gN57 66 2gN57 66	7gN57 66 9gN57 66	OgN63 66 1gN63 66 1gN64 67 3gN64 67 OgN64 67	16Vg2 15 16Vg3 15	11Vg4 16 16Vg2 15 16Vg3 15	06Vg3 13 04Vg2 13 04Vg1 13	06Vg0 13 04Vg2 13 04Vg1 13	16Vg0 15 16Vg1 15	82Ig3 34 82Ig0 34 82Ig1 34 82Ig2 34	8XIg4 34				2gY28 59 2gY29 59	2gY26 58 2gY27 59	2gY24 58 2gY25 58	2gY22 57 2gY23 57	2gY20 56 2gY21 57	2gY18 56 2gY19 56	2gY16 55 2gY17 55	2gY14 54 2gY15 54	2gY12 53 2gY13 54	2gY10 52 2gY11 53	2gY08 52 2gY09 53	2gY06 52 2gY07 52	2gY04 51 2gY05 51	2gY02 50 2gY03 51	2gY00 50 2gY01 50						
	2-3 2013	2-3 2013	1-1-1-1-1 2070	2-3 2013	5-4 2030	5-4 2030	5-4 2030	5-4 2030	5-4 2030	2-3 2013	22-23 2050	3-3-2 2060	FF 2020			IA *	IA *	IA *	IA *	IA *	IA *	IA *	IA *	IA *	IA *	IA *	IA *	IA *	IA *	IA *	CA 3180			
B	OgN67 66 2gN67 66 OgN57 66	3gN57 66 1gN57 66		12Vg3 16 12Vg2 16	OXVg8 16 OXVg7 16	OXVg6 16 OXVg5 16	OXVg4 16 OXVg3 13	OXVg2 13 OXVg1 13	OXVg0 13 OXVg1 13	11Vg0 15 11Vg1 15 11Vg2 15	3gN53 66 12Vg1 15 10Vg4 16			12Vg8 21 12Vg9 21	3gY28 59 3gY29 59	3gY26 58 3gY27 59	3gY24 58 3gY25 58	3gY22 57 3gY23 57	3gY20 56 3gY21 57	3gY18 56 3gY19 56	3gY16 55 3gY17 55	3gY14 54 3gY15 54	3gY12 53 3gY13 54	3gY10 52 3gY11 53	3gY08 52 3gY09 53	3gY06 52 3gY07 52	3gY04 51 3gY05 51	3gY02 50 3gY03 51	3gY00 50 3gY01 50	3gN65 66 73Cg1 69				
	3-3-2 2060	2-3 2013		22-23 2050	FF 2900	FF 2900	FF 2900	FF 2900	FF 2900	3-3-2 2060	2-3-3 2990			22222 2040	22222 2040	IA *	IA *	IA *	IA *	IA *	IA *	IA *	IA *	IA *	IA *	IA *	IA *	IA *	IA *	IA *	2-3 2013			
A	03Vg1 14 02Vg1 14 CHAN 1 PRI 3 5-4 2030		03Vg2 14 02Vg2 14 CHAN 2 PRI 2 5-4 2030		03Vg3 14 02Vg3 14 CHAN 2 PRI 3 5-4 2030		03Vg4 14 02Vg4 14 CHAN 2 PRI 1 5-4 2030		03Vg5 14 02Vg5 14 CHAN 2 PRI 4 5-4 2030		03Vg6 14 02Vg6 14 CHAN 2 PRI 1 5-4 2030		03Vg7 14 02Vg7 14 CHAN 2 PRI 2 5-4 2030		03Vg8 14 02Vg8 14 CHAN 2 PRI 3 5-4 2030		03Vg9 14 02Vg9 14 CHAN 2 PRI 4 5-4 2030		03Vg10 14 02Vg10 14 CHAN 2 PRI 1 5-4 2030		03Vg11 14 02Vg11 14 CHAN 2 PRI 2 5-4 2030		03Vg12 14 02Vg12 14 CHAN 2 PRI 3 5-4 2030		03Vg13 14 02Vg13 14 CHAN 2 PRI 4 5-4 2030		03Vg14 14 02Vg14 14 CHAN 2 PRI 1 5-4 2030		03Vg15 14 02Vg15 14 CHAN 2 PRI 2 5-4 2030		03Vg16 14 02Vg16 14 CHAN 2 PRI 3 5-4 2030		03Vg17 14 02Vg17 14 CHAN 2 PRI 4 5-4 2030	

REVISIONS

SYM	ZONE	EIR	DESCRIPTION	CHK	DATE	APPROVED
A14088			INTERCOMPUTER TERMINATION			

NOTE:

1. *

IA=2090 FOR SLOW INTERFACE
=2321 FOR FAST INTERFACE

2. **

CLD=2130 FOR SLOW INTERFACE
=2332 FOR FAST INTERFACE

3. ***

DLD=2141 FOR SLOW INTERFACE
=2342 FOR FAST INTERFACE

4. (X)

CARD IS REMOVED FOR FAST INTERFACE

5. (X*)

CARD IS REMOVED FOR SLOW INTERFACE

6. (***)

INSTALLED FOR USE WITH 65K
EXTERNAL MEMORY UNIT.

7. (X**)

INSTALLED FOR USE WITH 32K
EXTERNAL MEMORY UNIT.

8. (X)

CHANNEL PRIORITY SELECTED BY
INSTALLING 2030 CARD IN ONE
OF FOUR POSSIBLE LOCATIONS.

FIGURE 8-334

QTY	REQD	FIND	REF DES	CODE	IDENT	SIZE	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION

UNIVAC

DIVISION OF SPERRY RAND CORPORATION

CHASSIS MAP,
CHASSIS 1,2,3,4
PART 2

90536 D 7075296

SCALE

WEIGHT

SHEET 2 OF

IDENT NO. 7075296-00

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION AND IS FURNISHED PURSUANT TO THE FOLLOWING INSTRUMENT

ON THE UNDERSTANDING THAT THIS DOCUMENT AND THE INFORMATION THEREON MAY NOT BE DEALT WITH IN ANY MANNER FACTORY FOR THE PURPOSES OF THAT INSTRUMENT OR AS OTHERWISE PERMITTED IN WRITING BY THE UNIVAC DIVISION OF SPERRY RAND CORPORATION

UNLESS OTHERWISE SPECIFIED

DIMENSION IN INCHES. TOLERANCE ON 2 PLACE DECIMALS 3 PLACE DECIMALS ANGLES

HOLE DIAMETER TOLERANCE

0 THRU .250 +.003 -.002 .251 THRU .500 +.005 -.005 .501 & LARGER +.010 -.005

THREADS: E.F. CLA. INT. CL. 2B

MATERIAL

FINISH

LAYOUT

DRAFTSMAN
G.R. THOMPSON

CHECKER
R.E. STRELNIKS

ENGINEER
D. FREE

DATE
1-26-67

CLASS
A

TITLE
CHASSIS MAP,
CHASSIS 1,2,3,4
PART 2

APPROVAL

COMMODITY CODE

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
G		24V03 20 24V00 20	24V01 20 24V02 20	04G08 20 06G08 20	04G09 20 06G09 20	0XG09 20 0XG08 20	0XG04 24	0XG05 24	0XG06 24	04G04 24 06G04 24	04G05 24 06G05 24	04G06 24 06G06 24	0XG00 22	0XG01 22	04G00 22 06G00 22	04G01 22 06G01 22	00N75 46 13N73 46 13N74 46	12N73 46 14N74 46 15N73 46	11N73 46 10N73 46 14N73 46	15N72 46 14N72 46 10N72 46 11N72 46	10N75 46	01N73 46 02N73 46 03N72 46	44V00 48 00N74 46	00N73 46 02N72 48	05N70 47 04N70 47		17V00 48	17V01 48	18V00 48	4XV00 48	12N70 44 00N70 44 11N70 44		
		5-4 2030	5-4 2030	22-23 2050	22-23 2050	FF 2900	FF 2000	FF 2000	FF 2000	22-23 2050	22-23 2050	22-23 2050	FF 2000	FF 2000	22-23 2050	22-23 2050	3-3-2 2060	3-3-2 2060	3-3-2 2060	1-1-1-1 2070	3-3-4 2920	3-3-2 2060	5-4 2030	22-23 2050	22-23 2050		22222 2040	22222 2040	22222 2040	FF 2020	2-3-3 2990		
F		25V00 20 25V01 18 25V02 20 02G06 26 11G06 26	25V03 20 12G03 18 11G02 26	14G01 26 10G04 26 03G06 26	47V03 26 11G04 26 11G05 26 12G07 26	10G09 26 10G10 26 10G07 26	10G11 26 10G08 26 10G05 26	0XG02 18	0XG03 18	11G07 26 10G06 26 13G04 18	13G01 18 13G02 18 13G03 18	12G01 18 12G02 18 06N70 44	13V01 19 13V02 18 13V03 19	13V04 19 12G04 18 07N71 47	14N05 19 13V00 19	15V03 19 15V01 19	15V00 19 15V02 19	12N72 46 16N73 46	12G06 26 16N73 46	10N74 46 00N72 46 01N72 46 04N72 46 19V00 48	10G00 22 10G01 22 10G02 22	07G01 23 07G02 23 07G04 23	07G03 23 07G04 23 47V01 48	0XG11 23 0XG12 23	0XG10 23	2XV10 23	2XV01 23 2XV00 23	2XV03 23 2XV02 23	42V00 48 11N76 47 31N76 47	00N76 47 30N76 47 10N76 47	14N70 47 15N70 47		
		CA 3180	1-1-1-1 2070	3-3-2 2060	3-3-2 2060	1-1-1-1 2070	3-3-2 2060	3-3-2 2060	FF 2000	FF 2000	3-3-2 2060	3-3-2 2060	3-3-2 2060	3-3-2 2060	3-3-2 2060	1-8 2160	2-3 2013	2-3 2013		2-3-3 2990	1-1-1-1 2070	3-3-2 2060	3-3-2 2060	3-3-2 2060	FF 2900	FF 2900	FF 2020	FF 2900	FF 2900	2-3-3 2990	2-3-3 2990	2-3-3 2990	
E		11G03 26	10W28 219	0XG07 18	11W26 219	11W25 219	0XW25 224 0XW24 224	10W30 219	0XQ25 252	0XQ24 252	41Q25 247 41Q24 247	41Q23 247 41Q22 247	11W30 219	41A25 240 41A24 240	0XA25 245	0XA24 245	0XA23 244	25N04 205 50Q15 239	10D30 210	39N07 246 29N07 246	39N04 205 37N04 205	62A22 237 62A14 237	11D29 210	10D26 210	11D26 210	11D25 210	11D28 210	0XD25 215 0XD24 215	14A21 235 14A20 235	13A28 235 13A26 235 13A23 235 13A21 235 13A18 224	14A23 235 14A25 235	13A25 235 13A20 235 13A15 234	
		5-4 2030	3-3-4 2920	FF 2000	22222 2040	22222 2040	FF 2900	3-3-4 2920	FF 2000	FF 2000	22-23 2050	22-23 2050	22222 2040	22-23 2050	22-23 2050	FF 2000	FF 2000	FF 2000	1-8 2160	3-3-4 2920	2-3 2013	2-3 2013	22-23 2050	22222 2040	3-3-4 2920	22222 2040	22222 2040	22222 2040	22222 2040	FF 2900	22-23 2050	1-1-1-1 2070	22-23 2050
D		10W27 219	10W26 219	11W24 219	11W23 218	0XW23 223 0XW22 223	10W29 219	0XQ23 251	0XQ22 251	41Q21 247 41Q20 247	11W29 219	41A23 240 41A22 240	41A21 240 41A20 240	0XA22 244	0XA21 244	10D28 210	35N04 205 50A15 239	49N06 238 49N07 246	29N04 205 27N04 205	10D29 210	02N71 44 64A14 237	60A18 237 60A14 237	11D27 210	11D24 210	11D23 209	11D22 209	0XD23 214 0XD22 214	14A22 235	41A27 240 41A26 240	41Q27 247 41Q26 247	12A24 235 12A23 235		
		CA 3180	3-3-4 2920	3-3-4 2920	22222 2040	22222 2040	FF 2900	3-3-4 2920	FF 2000	FF 2000	22-23 2050	22222 2040	22-23 2050	22-23 2050	FF 2000	FF 2000	3-3-4 2920	1-8 2160	2-3 2013	2-3 2013	3-3-4 2920	22-23 2050	22-23 2050	22222 2040	22-23 2050	22222 2040	22222 2040	22222 2040	FF 2900	3-3-4 2920	22-23 2050	22-23 2050	22-23 2050
C		73C53 82 73C52 82		11W22 218	11W21 218	11W20 218	0XW21 223 0XW20 223	0XQ21 251	0XQ20 251	0XQ19 251	11W28 219 41Q18 247	41Q19 247 41A18 240	41A19 240 41A18 240	11W27 219	0XA20 244	0XA19 244	0XA18 244	10D27 210	39N06 238 29N06 238	11D30 210	02N70 44 15N04 205 55N04 205	43V00 48	61A18 237 61A14 237	11D21 209	0XA26 245	11D20 209	0XA27 245	0XD21 214 0XD20 214	55V03 18 14A17 234 12A15 234	16A15 234			
		2-3 2013		22222 2040	22222 2040	22222 2040	FF 2900	FF 2000	FF 2000	FF 2000	22222 2040	22-23 2050	22-23 2050	22222 2040	FF 2000	FF 2000	FF 2000	3-3-4 2920	2-3 2013	22222 2040	3-3-2 2060	5-4 2030	1-1-1-1 2070	22222 2040	FF 2000	22222 2040	FF 2000	FF 2900	FF 2900	22-23 2050	3-3-4 2920	3-3-4 2920	3-3-4 2920
B		11W19 218	11W18 218	11W17 218	13F05 152 23F03 152	0XW19 223 0XW18 223	0XW17 222 0XW16 222	0XQ18 251	0XQ17 250	13F06 152 23F07 152	41Q17 247 41Q16 247	41A17 240 41A16 240		0XA17 243	0XA16 243		51A00 239 51Q00 239	0XA29 245	09N06 238 19N06 238	19N04 205 17N04 205	0XA28 245		11D19 209	11D18 209	11D17 208	0XD19 214 0XD18 214	0XD17 213 0XD16 213	55T02 22 50A23 239 50Q23 239	32N76 47 14A15 234				
		CA 3180	22222 2040	22222 2040	22222 2040	2-3 2013	FF 2900	FF 2900	FF 2000	FF 2000	2-3 2013	22-23 2050	22-23 2050		FF 2000	FF 2000		4-4 2220	FF 2000	2-3 2013	2-3 2013	FF 2000		22222 2040	22222 2040	22222 2040	FF 2900	FF 2900	1-1-1-1 2070	1-8 2160	1-8 2160	22-23 2050	
A		73C54 82 ----- 224	0XW29 224 0XW28 224	11W16 218	11W15 217	11W14 217	0XW15 222 0XW14 222	0XW27 224 0XW26 224	0XQ16 250	0XQ15 250	0XQ14 250	0XQ26 252 41Q15 247 41Q14 247	41A15 240 41A14 240	0XQ27 252	0XA15 243	0XA14 243	0XQ28 252	0XQ29 252	59N04 205 08N01 183	03Q29 252 02Q29 252 03A29 245 02A29 245 31A28 230	11G08 26 66A00 237	11D16 208	11D15 208	11D14 208	0XD29 215 0XD28 215	0XD15 213 0XD14 213	0XD27 215 0XD26 215						
		2-3 2013	FF 2900	22222 2040	22222 2040	22222 2040	FF 2900	FF 2900	FF 2000	FF 2000	FF 2000	FF 2000	22-23 2050	22-23 2050	FF 2000	FF 2000	FF 2000	FF 2000	FF 2000	2-3 2013	1-1-1-1 2070	22-23 2050	22222 2040	22222 2040	22222 2040	FF 2900	FF 2900	FF 2900					

REVISIONS				
SYM	ZONE	EIR	DESCRIPTION	DATE
A	E13215		EMU CHANNEL PRIORITY CHANGE	
B	E13317		EXT INT HOLD ACTIVE FIF MOD	

FIGURE 8-335

QTY REQD	FIND	REF DES	CODE IDENT	DWG SIZE	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION
LIST OF MATERIAL						
LTR SHEET 2 1 SHT INDEX			UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES. TOLERANCE OR 2 PLACE DECIMALS 3 PLACE DECIMALS ANGLES ± ± ± HOLE DIAMETER TOLERANCE 0 THRU .250 +.003 +.002 .251 THRU .500 +.005 +.003 .501 & LARGER +.010 +.005 THREADS: EXT CL 2A, INT CL 2B		LAYOUT	DATE
NEXT ASSY			EQUIPMENT		DRAFTSMAN G.R. THOMPSON	1-23-67
APPLICATION			MATERIAL		CHECKER R.E. STRELNIKS	3-31-67
COMMODITY CODE			FINISH		ENGINEER J. LAMBING	3-31-67
THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION AND IS FURNISHED PURSUANT TO THE FOLLOWING INSTRUMENT:			ON THE UNDERSTANDING THAT THIS DOCUMENT AND THE INFORMATION THEREON MAY NOT BE REPRODUCED IN ANY MANNER EXCEPT FOR THE PURPOSES OF THAT INSTRUMENT OR AS OTHERWISE PERMITTED IN WRITING BY THE UNIVAC DIVISION OF SPERRY RAND CORPORATION.		APPROVAL <i>J. Lambing</i>	
IDENT NO. 7075297-00			CLASS A		TITLE CHASSIS MAP, CHASSIS 5 PART I	
			CODE IDENT NO. 90536		SIZE D	DWG NO. 7075297
			SCALE		WEIGHT	SHEET 1 OF 2

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
G		11W13 217	11W12 217	OXW13 222 OXW12 222		OXQ13 250	OXQ12 250	OXA13 243	OXA12 243	83T52 95 -----	83T43 95 83T23 95	38N06 238 48N06 238	----- 18N06 238	08N06 238 28N06 238		11D13 208	11D12 208		OXD13 213 OXD12 213	14A12 233	12A14 233 12A13 233	14A14 233	10A13 233 10A12 233	12A10 233	30A10 227	20A10 227			OXL05 190 OXA31 197		
		22222 2040	22222 2040	FF 2900		FF 2000	FF 2000	FF 2000	FF 2000	2-3 2013	2-3 2013	2-3 2013	2-3 2013	2-3 2013	2-3 2013		22222 2040	22222 2040		FF 2900	3-3-4 2920	22-23 2050	3-3-4 2920	22-23 2050	3-3-4 2920	3-3-4 2920	3-3-4 2920			FF 2930	
F		11W11 217	11W10 217	OXW11 221 OXW10 221		OXQ11 249	OXQ10 249	OXA11 242	OXA10 242	83T24 95 83T34 95 82T34 95 -----	83T32 95 83T52 95 00N07 246 45N04 205 -----	47N06 238 47N07 246 00N07 246 45N04 205 -----		27N06 238 07N06 238	58N04 205 -----		11D11 207	11D10 207	OXD11 212 OXD10 212	14A13 233 14A11 233		12A12 233 12A11 233	10A11 233 10A10 233	16A10 233		23A10 227 21A10 227 23A05 226 21A08 226 21A05 226	31A05 226 33A05 226	10L01 190 00N15 191 OXL04 190	08N05 198 06N05 198	47N14 191 11L00 190 71A15 255 24N05 198	
	CA 3180	22222 2040	22222 2040		FF 2900	FF 2000	FF 2000	FF 2000	FF 2000	1-1-1-1 2070	FF 2930	1-1-1-1 2070		1-8 2160	2-3 2013		22222 2040	22222 2040		FF 2900	22-23 2050		22-23 2050	22-23 2050	3-3-4 2920		1-1-1-1 2070	22-23 2050	2-3-3 2990	FF 2930	2-3 2013
E	73C63 82 75C63 82	11W09 217	11W08 217	OXW09 221 OXW08 221		OXQ09 249	OXQ08 249	OXA09 242	OXA08 242	83T24 95 83T34 95	83T24 95 83T34 95	30N06 238	10N06 238	20N06 238 17N06 238 37N06 238	46N04 205 48N04 205	11D09 207	11D08 207		OXD09 212 OXD08 212	14A08 232 14A10 233	13A13 233 13A11 233 11A11 233 11A13 233 11A12 233		11A10 233 13A08 232 13A06 232 11A09 232 11A08 232	10A09 232 10A08 232	25A10 227 25A05 226 25A00 225	20A08 226 30A08 226	64A00 237 62A06 237	62A00 237 60A10 237	OXL00 190 OXL02 190	18N05 198 28N05 198	18N01 183 29N01 183
	2-3 2013	22222 2040	22222 2040		FF 2900	FF 2000	FF 2000	FF 2000	FF 2000	FF 2930	FF 2930	3-3-4 2920	3-3-4 2920	3-3-2 2060	2-3 2013	22222 2040	22222 2040		FF 2900	22-23 2050	1-1-1-1 2070		1-1-1-1 2070	22-23 2050	2-3-3 2990	22-23 2050	22-23 2050	22-23 2050	22-23 2050	FF 2930	2-3 2013
D		11W07 216	11W06 216	OXW07 221 OXW06 221	50Q00 239	OXQ07 249	OXQ06 249	OXA07 242	OXA06 242	83T13 95	83T13 95	50Q08 239		48N07 246 36N04 205 38N04 205	11D05 206	11D07 207	11D06 207		OXD07 212 OXD06 212	14A09 232 14A07 232		12A09 232 12A08 232	10A07 232 10A06 232	12A05 232	22A10 227 22A05 226 22A00 225	30A05 226 63A06 237 63A00 237 61A10 237 61A06 237 61A02 237	22A10 227 22A05 226 22A00 225	63A06 237 63A00 237 61A10 237 61A06 237 61A02 237	2XL07 253	16N05 198 26N05 198	38N01 183
	CA 3180	22222 2040	22222 2040	FF 2900	1-8 2160	FF 2000	FF 2000	FF 2000	FF 2000	4-4 2220	FF 2930	3-3-4 2920	1-8 2160	2-3 2013	2-3 2013	22222 2040	22222 2040	22222 2040		FF 2900	FF 2920	FF 2920		22-23 2050	22-23 2050	FF 2920	3-3-2 2060	FF 2920	1-1-1-1 2070	FF 2930	2-3 2013
C	73C62 82 73C64 82	11W05 216	11W04 216	50A00 239	OXW05 220 OXW04 220	OXQ05 248	OXQ04 248	OXA05 241	OXA04 241	50A08 239	83T21 95	38N07 246 18N07 246	27N07 246 07N07 246	20N07 246 17N07 246 37N07 246	26N04 205 28N04 205	11D03 206	11D04 206	11D02 206	OXD05 211 OXD04 211	14A06 232 14A05 232	12A07 232 12A06 232	10A05 232 14A03 231		13A10 232 13A05 232 13A00 231	16A05 232	12A00 231	21A03 225 23A00 225 21A00 225 22L03 253 -----	20A05 226 20A03 225 20A00 225	2XL04 253	08N02 198 18N02 198	48N01 183 58N01 183
	2-3 2013	22222 2040	22222 2040	1-8 2160	FF 2900	FF 2000	FF 2000	FF 2000	FF 2000	1-8 2160	FF 2930	2-3 2013	1-8 2160	3-3-2 2060	2-3 2013	22222 2040	22222 2040	22222 2040		FF 2900	22-23 2050	22-23 2050	22-23 2050		3-3-2 2060	3-3-4 2920	3-3-4 2920	1-1-1-1 2070	3-3-4 2920	FF 2020	2-3 2013
B		11W03 216	11W02 216	OXW03 220 OXW02 220		OXQ03 248	OXQ02 248	OXA03 241	OXA02 241	02P16 119 02P15 119	02P14 119 02P13 119	03P16 119 03P15 119	08N07 246 28N07 246	10N22 116 11N22 116	16N04 205 18N04 205	08N22 116 13N22 116	11D01 206	11D00 206	OXD03 211 OXD02 211	OXD01 211 OXD00 211	14A04 231	11A07 232 11A06 232 11A05 232 13A03 231 13A01 231	12A04 231 12A03 231	10A04 231 10A03 231	10A02 231 10A01 231		31A00 225 33A00 225	20A03 225 20A00 225	2XL05 253 2XL03 253	11K00 254 31L00 253 23L00 253 22L00 253 23L03 253	
	CA 3180	22222 2040	22222 2040	FF 2900	FF 2000	FF 2000	FF 2000	FF 2000	FF 2000	2-3 2013	2-3 2013	1-1-1-1 2070	2-3 2013	2-3 2013	3-3-2 2060	2-3 2013	2-3 2013	22222 2040	22222 2040	FF 2900	FF 2900	3-3-4 2920	1-1-1-1 2070	22-23 2050	22-23 2050	22-23 2050		22-23 2050	22-23 2050	22-23 2050	FF 2930
A		11W01 216	11W00 216	OXW01 220 OXW00 220	03A31 197	OXQ01 248	OXQ00 248	OXA01 241	OXA00 241	OXPI6 119 OXPI5 119	OXPI4 119 OXPI3 119	OXPI2 119 OXPI1 119	OXPIO 118 OXPO9 118	OXPO8 118	OXPC6 118	OXPO5 118	OXPO4 117 OXPO7 118	OXPO2 117 OXPO3 117	OXPO0 117 OXPO1 117	14A01 231 14A00 231	14A02 231	12A02 231 12A01 231	11A04 231 11A03 231 11A02 231 11A01 231 11A00 231		10A00 231 80G04 196	16A00 231	30A00 225 20A00 225		2XL06 253 2XL00 253		
		22222 2040	22222 2040	FF 2900	22-23 2050	FF 2000	FF 2000	FF 2000	FF 2000	FF 2900	FF 2900	FF 2900	FF 2900	FF 2900	FF 2900	FF 2900	FF 2900	FF 2900	FF 2900	FF 2900	22-23 2050	3-3-4 2920	22-23 2050	1-1-1-1 2070		22-23 2050	3-3-4 2920	3-3-4 2920	3-3-4 2920		FF 2930

REVISIONS				LIST OF MATERIAL			
SYM	ZONE	EIR	DESCRIPTION	DATE	APPROVED	QTY REQD	FIND
						REF DES	CODE IDENT
						DWG SIZE	PART OR IDENTIFYING NO.
						NOMENCLATURE OR DESCRIPTION	
						CLASS	
						TITLE	
						DATE	
						CHECKER	
						ENGINEER	
						APPROVED	
						CODE IDENT NO.	
						SIZE	
						DWG NO.	
						SCALE	
						WEIGHT	
						SHEET 1 OF 2	

FIGURE 8-337

IDENT NO. 7075295--00

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LTR	SHEET	INDEX
2	1	1

DATE	CLASS	TITLE
3-7-67	A	CHASSIS MAP, CHASSIS 6 PART I

DRAFTSMAN	W. WURDEMAN
CHECKER	STRELNIKS
ENGINEER	D. FREE
APPROVED	R. Oulity

CODE IDENT NO.	90536
SIZE	D
DWG NO.	7075295

DATE	CLASS	TITLE
3-7-67	A	CHASSIS MAP, CHASSIS 6 PART I

DRAFTSMAN	W. WURDEMAN
CHECKER	STRELNIKS
ENGINEER	D. FREE
APPROVED	R. Oulity

CODE IDENT NO.	90536
SIZE	D
DWG NO.	7075295

	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62
G	09N15 191 18N15 191	40N14 191 11L01 190 07N16 191	08N16 191 17N15 191 07N15 191		3XK05 193	3XK04 193					4XK17 195 4XK16 195	4XK15 195 4XK14 195		50X13 186	50X12 186	51X13 200 51X12 200 51X11 200 51X10 200 -----	0XX13 201 0XX12 201		11X13 201	11X12 201	80Z13 171 80Z12 171 80Z11 171		85Z13 175	85Z12 175	18N12 170 28N12 170	19N11 170 08N12 170	70E00 197 00N12 170 18N11 170			50Z00 180 50Z01 180 50Z02 180 50Z03 180 50Z04 180 1-1-1-1-1 2070	CA 3180
F	19N15 191 -----		3XK03 193	3XK02 193	3XK01 193		71A20 255 70A20 255	71A12 255 70A12 255	72A20 255 72A04 255		4XK13 195 4XK12 195	4XK11 195 4XK10 195	50X11 186	50X10 186			0XX11 201 0XX10 201	11X11 201	11X10 201	02P10 118 02P11 119 02P12 119 02P13 119 ----- 10X09 200	10X13 201 10X12 201 10X11 201 10X10 201 10X09 200	85Z11 175	85Z10 175		48N03 196 38N03 196	58N03 196 10N12 170	8XG05 196 48N12 170	38N12 170 73G00 197	50Z05 180 50Z06 180 50Z07 180 50Z08 180 50Z09 180 1-1-1-1-1 2070		
E	19N16 191 29N16 191		3XK00 193	36K01 192 36K02 192 36K03 192 36K04 192 36K05 192		80A07 256 80A06 256	72A12 255 72A00 255	83A04 255 83A03 255 42K00 194	86A04 257	-----	4XK08 195 4XK09 195			50X09 185 50X08 185	51X09 200 51X08 200 51X07 200 51X06 200 51X05 200	0XX09 200 0XX08 200		11X09 200	11X08 200		80Z10 171 80Z09 171 80Z08 171	85Z09 174 85Z08 174	28N03 196 18N03 196	8XG02 196 8XG01 196 ----- ----- -----	83G00 197 74G00 197 ----- ----- -----	8XG00 197 8XG06 197	80E01 197	50Z10 180 50Z11 180 50Z12 180 50Z13 180 50Z14 180 1-1-1-1-1 2070	CA 3180		
D	60A06 237 60A02 237	09N16 191 59N14 191	34K01 192 34K02 192 34K03 192 34K04 192 34K05 192	33K05 192		80A05 256 80A04 256	81A02 256 81A04 256 81A06 256	84A03 257 84A04 257 87A04 257 82A06 256 82A02 256	85A05 257 85A04 257		4XK07 194 4XK06 194		50X07 185 50X06 185		10X08 200 10X07 200 10X06 200 10X05 200 84A00 257 1-1-1-1-1 2070	0XX07 200 0XX06 200	11X07 200	11X06 200		80Z07 171 80Z06 171 80Z05 171	85Z07 174 85Z06 174	8XG04 196	80E02 197 73G02 197 81E01 197 81E02 196 33A29 197	72G02 197 7XG00 197 OXA30 197	7XG02 197 7XG01 197						
C	39N14 191 49N14 191	35K04 192 35K05 192	33K04 192		80A03 256 80A02 256		81A01 256 81A03 256 81A05 256	35K01 192 86A03 257 83A01 256 86A02 257	85A03 257 83A01 256 35K02 192 83G06 197	42K02 194 35K02 192 83G06 197	4XK05 194 4XK04 194		50X05 185 50X04 184		0XX05 200 0XX04 199		11X05 200	11X04 199	80Z04 171 80Z03 171 80Z02 171	85Z05 174 85Z04 173	90P10 118 90P11 118 90P12 118 90P13 118 90P14 118	90P05 118 90P06 118 90P07 118 90P08 118 90P09 118	93K05 193 93K99 191 90P15 243 90P99 243 90P16 238	90A10 242 90A11 242 90A12 242 90A13 242 90A99 242	90A05 241 90A06 241 90A07 241 90A08 241 90A09 241	90A00 241 90A01 241 90A02 241 90A03 241 90A04 241					
B	19N14 191 29N14 191	35K03 192 85A00 257	33K03 192	33K02 192		80A01 256 83A00 256	73G07 257 84A01 257 84A02 257 87A02 257 87A03 257	85A02 257 85A01 257 86A00 257 86A01 257	-----	4XK03 194 4XK02 194	50X03 184 50X02 184		51X00 199 51X01 199 51X02 199 51X03 199 51X04 199 1-1-1-1-1 2070	0XX03 199 0XX02 199	11X03 199 11X02 199		10X04 199 10X03 199 10X02 199 10X01 199 10X00 199	85Z03 173 85Z02 173		90P00 117 90P01 117 90P02 117 90P03 117 90P04 117	93K00 193 93K01 193 93K02 193 93K03 193 93K04 193	90Q10 249 90Q11 249 90Q12 249 90Q13 249 90Q99 249	90Q05 248 90Q06 248 90Q07 248 90Q08 248 90Q09 248	90Q00 248 90Q01 248 90Q02 248 90Q03 248 90Q04 248	73C61 82 75C61 82						
A	02P05 118 02P06 118 02P07 118 02P08 118 02P09 118	33K01 192	33K00 192			71A02 255 03A30 197	71A00 255 70A04 255	71A04 255 70A00 255	87A01 257 70A00 255	7XG07 257	4XK01 194 4XK00 194		50X01 184 50X00 184		0XX01 199 0XX00 199		11X01 199 11X00 199		80Z01 171 80Z00 171 72E02 197	85Z01 173 85Z00 173											
	1-1-1-1-1 2070	22222 2040	22222 2040			22222 2040	4-4 2220	1-8 2160	1-8 2160	FF 2020	FF 2900		22222 2040	22222 2040		FF 2930		22222 2040	22222 2040		3-3-2 2060	22222 2040	22222 2040	CA 3180							

REVISIONS				
SYN	ZONE	EIP	DESCRIPTION	DATE

FIGURE 8-338

IDENT NO. 7075295-00

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION AND IS FURNISHED PURSUANT TO THE FOLLOWING INSTRUMENT:
ON THE UNDERSTANDING THAT THIS DOCUMENT AND THE INFORMATION THEREON MAY NOT BE DEALT WITH IN ANY MANNER EXCEPT FOR THE PURPOSES OF THAT INSTRUMENT OR AS OTHERWISE PERMITTED IN WRITING BY THE UNIVAC DIVISION OF SPERRY RAND CORPORATION.

UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES. TOLERANCE ON 2 PLACE DECIMALS 3 PLACE DECIMALS ANGLES HOLE DIAMETER TOLERANCE 0 THRU .250 +.003 -.002 0.251 THRU .500 +.005 -.003 .501 & LARGER +.010 -.005 THREADS: EXT. CL. RA. INT. CL. 2B MATERIAL FINISH		LAYOUT DRAFTSMAN M. THOMPSON CHECKER STRELNIEKS ENGINEER D. FREE APPROVAL R. D. [Signature]	DATE 3-7-67 3-31-67 3-31-67	CLASS A TITLE CHASSIS MAP, CHASSIS 6 PART 2	CODE IDENT NO. 90536 SIZE D DWG NO. 7075295
APPLICATION COMMODITY CODE		LIST OF MATERIAL UNIVAC DIVISION OF SPERRY RAND CORPORATION			
SCALE		WEIGHT		SHEET 2 OF	

REVISIONS						
SYM	ZONE	EIR	DESCRIPTION	CHK	DATE	APPROVED
A	E126L		SRIO LOGIC CORRECTION			
B	E13315		'B' MODIFIED FAULT			
C	E13319		EXECUTE 7770-7773 IN ENR 642B			
D	E13320		SRIO STORAGE AND TP CORRECTION			
E	E13356		EXT IIO ENABLE CORRECTION.			
F	E13375		S PART INTERFACE MOD			
G	E13463		HOLD & FINAL MOD			
H	3508		COMPUTER TITING CORRECTION.			
I	3741		DISABLE EXT IIO ON FAULT			
J	3799		PREVENT ERRONEOUS ABORT			
K	4270		HOLD TIMEOUT CORRECTION			
L	0209		6421ENR CONFLICT CHANGE			

QTY REQD	FIND	REF DES	CODE IDENT	DWG SIZE	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION
LIST OF MATERIAL						
		DATE	CLASS A	UNIVAC <small>DIVISION OF BERRY RAND CORPORATION</small>		
OMPSON		1 26 67	CHASSIS MAP, CHASSIS 7 PART I			
RELNIEKS	<i>MLB</i> <i>R.E.S.</i>	3-31-67				
	<i>Pick</i>	3-31-67				
<i>Quilley</i>		3-31-67	CODE IDENT NO.	SIZE	DWG NO.	
			90536	D	7075298	
SCALE			WEIGHT		SHEET 1 of 2	

REVISIONS						
SYM	ZONE	EIR	DESCRIPTION	CHG	DATE	APPROVAL
A	E13243		17 BIT MODE & BOOTSTAP COMPATIBILITY			
B	E13317		EXT INT HOLD ACTIVE FIF MOD			
C	E13375		5 PART 6423 ENCL INTERFACE MOD			
D	E13465		HOLD B FINAL MOD			
E	E13730		MB423 PIC SUPP CORRECTION			
F	35579		ENP PIC TIO INTERRUPT CORRECTION			
G	0092		ABORT MOD			

QTY REQD	FIND	REF DES	CODE IDENT	SIZE DWG	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION
LIST OF MATERIAL						
COMPSON		DATE	CLASS A	UNIVAC <small>DIVISION OF SPERRY RAND CORPORATION</small>		
RELNIEKS		1-26-67	TITLE	CHASSIS MAP, CHASSIS 7 PART 2		
E		3-31-67				
Jenkins		3-31-67	CODE IDENT NO.	SIZE	DWG NO.	
			90536	D	7075298	
			SCALE	WEIGHT	SHEET 2 OF	

THIS DOCUMENT CONTAINS UNCLASSIFIED INFORMATION OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION AND IS FURNISHED PURSUANT TO THE FOLLOWING INSTRUMENT

ON THE UNDERSTANDING THAT THIS DOCUMENT AND THE INFORMATION THEREON MAY NOT BE DEALT WITH IN ANY MANNER EXCEPT FOR THE PURPOSES OF THAT INSTRUMENT OR AS OTHERWISE PERMITTED IN WRITING BY THE UNIVAC DIVISION OF SPERRY RAND CORPORATION

UNIT ION RU			UNLESS OTHERWISE SPECIFIED	
			DIMENSION IN INCHES TOLERANCE ON	
			2 PLACE DECIMALS	3 PLACE DECIMALS
				ANGLES
Thi ANY PAT VAC			HOLE DIAMETER TOLERANCE	
			0 THRU .250	.001 THRU .500
			+ .003	+ .010
			- .002	- .005
			THREADS PER DIA. INT CL 2B	
			MATERIAL	
APPLICATION				
COMMODITY CODE		FINISH		

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
G	OXRI6 107	OXRI5 107	OXRI4 107	OXRI3 107	OXRI2 107	OXRI1 106	OXRI0 106		OODD29 326	OODD28 326	OODD27 326	OODD26 325	OODD25 325	OODD24 325	OODD23 324	OODD22 324																
	FF 2000	FF 2000	FF 2000	FF 2000	FF 2000	FF 2000	FF 2000	CA 3180	DR 4260	DR 4260	DR 4260	DR 4260	DR 4260	DR 4260	DR 4260	DR 4260	CONTROL MEMORY STACK															
	OXR09 106	OXR08 106	OXR07 106	OXR06 106	OXR05 105	OXR04 105	OXR03 105		OODD21 324	OODD20 323	OODD19 323	OODD18 323	OODD17 322	OODD16 322	OODD15 322	30CT15 303																
F	FF 2000	FF 2000	FF 2000	FF 2000	FF 2000	FF 2000	FF 2000		DR 4260	DR 4260	DR 4260	DR 4260	DR 4260	DR 4260	DR 4260	DR 4270																
	OXR02 105	OXR01 105	OXR00 105	ION20 104 09N20 104	I3N20 104 I2N20 104	I1N20 104 I6N20 104	2XN20 104																									
	FF 2000	FF 2000	FF 2000	2-3 2013	2-3 2013	2-3 2013	FF 2020	CA 3180																								
E	12B16 115	12B14 115	13B12 115 13B13 115 13B14 115 13B15 115 13B16 115	14B15 115 14B16 115	14B13 115 14B14 115	14B12 115 12B15 115	73C83 84 73C84 84	16B16 115	OOSA29 326	OOSA28 326	OOSA27 326	OOSA26 325	OOSA25 325	OOSA24 325	OOSA23 324	OOSA22 324	OOSA21 324	OOSA20 323	OOSA19 323	OOSA18 323	OOSA17 322	OOSA16 322	OOSA15 322	OOSA14 321	OOSA13 321	OOSA12 321	OOSA11 320	OOSA10 320	OOSA09 320	OOSA08 319	OOSA07 319	
	3-3-4 2920	3-3-4 2920	1-1-1-1-1 2070	22-23 2050	22-23 2050	22-23 2050	2-3 2013	3-3-4 2920	SA 4330	SA 4330	SA 4330	SA 4330	SA 4330	SA 4330	SA 4330	SA 4330	SA 4330	SA 4330	SA 4330	SA 4330	SA 4330	SA 4330	SA 4330	SA 4330	SA 4330	SA 4330	SA 4330	SA 4330	SA 4330	SA 4330	SA 4330	
	12B12 115	17B12 115	11B12 114 11B13 114 11B14 114 11B15 114 11B16 114	10B15 114 10B16 114	10B13 114 10B14 114	10B12 114 12B13 115	16B15 115		OXZ29 315	OXZ28 315	OXZ27 315	OXZ26 315	OXZ25 315	OXZ24 315	OXZ23 314	OXZ22 314	OXZ21 314	OXZ20 314	OXZ19 314	OXZ18 314	OXZ17 313	OXZ16 313	OXZ15 313	OXZ14 313	OXZ13 313	OXZ12 313	OXZ11 312	OXZ10 312	OXZ09 312	OXZ08 312	OXZ07 312	
D	3-3-4 2920	3-3-4 2920	1-1-1-1-1 2070	22-23 2050	22-23 2050	22-23 2050	3-3-4 2920	CA 3180	FF 2000	FF 2000	FF 2000	FF 2000	FF 2000	FF 2000	FF 2000	FF 2000	FF 2000	FF 2000	FF 2000	FF 2000	FF 2000	FF 2000	FF 2000	FF 2000	FF 2000	FF 2000	FF 2000	FF 2000	FF 2000	FF 2000	FF 2000	
		90Z25 315	90Z20 314	90Z15 313	90Z10 312	90Z05 311	90Z00 311	16B14 115	21B12 114 19B12 115 12J12 75	17B06 113	12B10 113	14B11 113	14B09 113 14B10 113	14B07 113 14B08 113	14B06 113 12B07 113	04Z12 316	04Z10 316		04Z07 316	04Z05 316	10N40 309 15N40 309	13N40 309 18N40 309	12N40 309 17N40 309	17B00 112	12B04 112	14B05 112	14B03 112 14B04 112	14B01 112 14B02 112	14B00 112 12B01 112	04Z02 316	04Z00 316	
		90Z26 315	90Z21 314	90Z16 313	90Z11 312	90Z06 311	90Z01 311																									
C		90Z27 315	90Z22 314	90Z17 313	90Z12 312	90Z07 311	90Z02 311																									
		90Z28 315	90Z23 314	90Z18 313	90Z13 312	90Z08 311	90Z03 311																									
		90Z29 315	90Z24 315	90Z19 314	90Z14 313	90Z09 312	90Z04 311																									
B		IND 3880	IND 3880	IND 3880	IND 3880	IND 3880	IND 3880	3-3-4 2920	2-3-3 2990	3-3-4 2920	3-3-4 2920	3-3-4 2920	22-23 2050	22-23 2050	22-23 2050	22222 2040	22222 2040		22222 2040	22222 2040	2-3 2013	2-3 2013	2-3 2013	3-3-4 2920	3-3-4 2920	3-3-4 2920	22-23 2050	22-23 2050	22-23 2050	22222 2040	22222 2040	
		90R12 107	90R07 106	90R02 105	90B15 110	90B10 109	90B05 109	90B00 109	20B12 114	12B08 113	12B06 113	12B09 113	10B10 113	10B08 113	10B07 113	10B06 113	11B07 113	13B06 113	21B06 113	20B06 113	09B02 297	09N40 309	08N40 309	14N40 309	12B02 112	12B00 112	12B03 112	10B04 112	10B02 112	10B00 112	13B00 112	11B01 112
		90R13 107	90R08 106	90R03 105	90B16 110	90B11 110	90B06 109	90B01 109				12B11 113	10B11 113	10B09 113	10B07 113	10B06 113	11B09 113	13B08 113	11B06 113													
A		90R14 107	90R09 106	90R04 105		90B12 110	90B07 109	90B02 109																								
		90R15 107	90R10 106	90R05 105	90R00 110	90B13 110	90B08 109	90B03 109																								
		90R16 107	90R11 106	90R06 105	90R01 110	90B14 110	90B09 109	90B04 109																								
	CA 3180	IND 3880	IND 3880	IND 3880	IND 3880	IND 3880	IND 3880	IND 3880	5-4 2030	3-3-4 2920	3-3-4 2920	22-23 2050	22-23 2050	22-23 2050	22-23 2050	1-1-1-1 2070	1-1-1-1 2070	1-1-1-1 2070	3-6 2080	2-3 2013	2-3 2013	2-3 2013	2-3 2013	2-3 2013	3-3-4 2920	3-3-4 2920	22-23 2050	22-23 2050	22-23 2050	22-23 2050	1-1-1-1 2070	1-1-1-1 2070

REVISIONS					
SYM	ZONE	EIR	DESCRIPTION	CHK	DATE
A		71704	SEE EIR		8/11-1-65
B		77403	SEE EIR		8/24-2-66
C	0166		FALSE CONFLICT MOD		8/24-2-66

CONTROL
MEMORY
STACK

FIGURE 8-341

IDENT NO. 7032765-00

B B LTR SHEET
2 1 SH INDEX

TOLERANCES UNLESS OTHERWISE SPECIFIED		
2 PLACE DECIMALS	3 PLACE DECIMALS	ANGLES
HOLE DIAMETER TOLERANCE		
0 THRU .250	.251 THRU .500	.501 & LARGER
-.003	-.005	-.010
THREADS: E.F. CL. 2A, INT. CL. 2B		
MATERIAL		
FINISH		

LAYOUT		DATE	CLASS
DRAFTSMAN		8-13-65	A
R. R. PFUTZENREUTER			
CHECKER		8-13-65	
D. C. WHEELER			
ENGINEER		8-13-65	
N. N. MACRORIE			
APPROVAL		8-13-65	
A. J. J. J.			

LIST OF MATERIAL			
QTY	REQD	FIND	REF DES
CODE	IDENT	DWG	PART OR IDENTIFYING NO.
SIZE			NOMENCLATURE OR DESCRIPTION
UNIVAC			
DIVISION OF SPERRY RAND CORPORATION			
TITLE			
CHASSIS MAP, CHASSIS 8 PART I			
CODE IDENT NO.	SIZE	DWG NO.	
90536	D	7032765	
SCALE	WEIGHT	SHEET	OF 2

	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	
D	20YD02 285 IOYD02 285	20YD04 285 IOYD04 285	20YD06 285 IOYD06 285	IOYG00 285 IOYG02 285 IOYG01 285 IOYG03 285	IOYG04 285 IOYG06 285 IOYG05 285 IOYG07 285	IOXG00 288 IOXG02 288 IOXG01 288 IOXG03 288	IOXG04 288 IOXG06 288 IOXG05 288 IOXG07 288	20XD01 288 IOXD01 288	20XD03 288 IOXD03 288	20XD05 288 IOXD05 288	20XD07 288 IOXD07 288	IOXROO 287	20XW00 287	IOXMOO 287 20XMOO 287		30IS03 259 30IS04 259	g5S00 274,278	g5S01 274,278	g5S02 274,278	g5S03 275,279	g5S04 275,279	g5S05 275,279	g5S06 275,279	20YW10 284 20XW10 287	20YW20 284 20XW20 287			
	SA 3660	SA 3660	SA 3660	SEL 3680	SEL 3680	SEL 3680	SEL 3680	SA 3660	SA 3660	SA 3660	SA 3660	DR 3690	DR 3690	IP 3611	CA 3180	DR 2013	22222 2040	22222 2040	22222 2040	22222 2040	22222 2040	22222 2040	22222 2040	2630	SA 3660			
C	20YD01 285 IOYD01 285	20YD03 285 IOYD03 285	20YD05 285 IOYD05 285	20YD07 285 IOYD07 285	OOSM06 282 OISM06 282	OOSM07 282 OISM07 282	OOSM08 282 OISM08 282	20XD00 288 IOXD00 288	20XD02 288 IOXD02 288	20XD04 288 IOXD04 288	20XD06 288 IOXD06 288	OOSM09 283 OISM09 283	OOSM10 283 OISM10 283	OOSM11 283 OISM11 283		30IS01 259 30IS02 259	IOID09 292	I2IS09 292 I1IS11 293 I2IS10 293 I1IS10 293 I2IS11 293 I1IS09 292	IOID10 293	I4IS09 292 I3IS11 293 I4IS10 293 I3IS10 293 I4IS11 293 I3IS09 292	IOID11 293	IOID12 293	I2IS12 293 I1IS14 293 I2IS13 293 I1IS13 293 I2IS14 293 I1IS12 293	IOID13 293	I4IS12 293 I3IS14 293 I4IS13 293 I3IS13 293 I4IS14 293 I3IS12 293	IOID14 293		
	SA 3660	SA 3660	SA 3660	SA 3660	DR 3621	DR 3621	DR 3621	SA 3660	SA 3660	SA 3660	SA 3660	DR 3621	DR 3621	DR 3621	CA 3180	DR 2013	DR 3690	DR 3700	DR 3690	DR 3700	DR 3690	DR 3690	DR 3700	DR 3690	DR 3700	DR 3690	DR 3690	
B	IOYS02 284 20YS02 284	IOYS03 284 20YS03 284	IOYS04 284 20YS04 284	OOSM12 283 OISM12 283	OOSM13 283 OISM13 283	IOXSO1 287 20XS01 287	IOXSO2 287 20XS02 287	IOXSO3 287 20XS03 287	IOXSO4 287 20XS04 287		IOVR10 332	IOIPOO 291	IOID00 291	I2IS00 291 I1IS02 291 I2IS01 291 I1IS01 291 I2IS02 291 I1IS00 291	IOID01 291	I4IS00 291 I3IS02 291 I4IS01 291 I3IS01 291 I4IS02 291 I3IS00 291	IOID02 291	IOID03 291	I2IS03 291 I1IS05 292 I2IS04 291 I1IS04 291 I2IS05 292 I1IS03 291	IOID04 291	I4IS03 291 I3IS05 292 I4IS04 291 I3IS04 291 I4IS05 292 I3IS03 291	IOID05 292	IOID06 292	I2IS06 292 I1IS08 292 I2IS07 292 I1IS07 292 I2IS08 292 I1IS06 292	IOID07 292	I4IS06 292 I3IS08 292 I4IS07 292 I3IS07 292 I4IS08 292 I3IS06 292	IOID08 292	
	SW 3670	SW 3670	SW 3670	DR 3621	DR 3621	SW 3670	SW 3670	SW 3670	SW 3670	CA 4020	+IOV REG 3730	IP 3611	DR 3690	DR 3700	DR 3690	DR 3700	DR 3690	DR 3690	DR 3700	DR 3690	DR 3700	DR 3690	DR 3690	DR 3700	DR 3690	DR 3700	DR 3690	
A																												

REVISIONS				
SYM	ZONE	EIR	DESCRIPTION	DATE
A		71704	SEE EIR	8-11-65

FIGURE 8-346

IDENT NO. 7032768-00

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION AND IS FURNISHED PURSUANT TO THE FOLLOWING INSTRUMENT:
ON THE UNDERSTANDING THAT THIS DOCUMENT AND THE INFORMATION THEREON MAY NOT BE DISCLOSED IN ANY MANNER EXCEPT FOR THE PURPOSES OF THAT INSTRUMENT OR AS OTHERWISE PERMITTED IN WRITING BY THE UNIVAC DIVISION OF SPERRY RAND CORPORATION

UNLESS OTHERWISE SPECIFIED		LAYOUT		DATE	CLASS	UNIVAC	
DIMENSION IN INCHES TOLERANCE ON 2 PLACE DECIMALS		DRAFTSMAN		6-30-65	A	DIVISION OF SPERRY RAND CORPORATION	
HOLE DIAMETER TOLERANCE 0 THRU .250 .001 THRU .500 .501 & LARGER .002 .003 .005 .010 .005		CHECKER		8-17-65	TITLE		
THREADS EXCEPT AS NOTED INT CL 2B		D.C. WHEELER		8-17-65	CHASSIS MAP, MAIN MEMORY 10,12 PART 2		
MATERIAL		ENGINEER		8-17-65	CODE IDENT NO.	SIZE	DWG NO.
FINISH		R.W. SVOBODNY		8-17-65	90536	D	7032768
NEXT ASSEMBLY		APPLICATION		SHEET 2 OF 2			

B 4694 FACILITATE ADJUSTMENT OF SENSE BIAS

NOTE:
1. * 3751 CARDS ARE USED
ON SERIAL 1 THRU 9.

FIGURE 8-347

QTY REQD	FINI	REF DES	CODE IDENT	DWG SIZE	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION
LIST OF MATERIAL						
		DATE	CLASS A	UNIVAC <small>DIVISION OF SPERRY RAND CORPORATION</small>		
		6-28-65	TITLE			
HEELER <i>BW</i>		8-17-65	CHASSIS MAP, MAIN MEMORY II, 13 PART I			
VOBODNY <i>AW</i>		8-17-65				
<i>Delaney</i>		8-17-65	CODE IDENT NO.	SIZE	DWG NO.	
			90536	D	7032767	
			SCALE	WEIGHT	SHEET 1 OF 2	

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	
D	9gZ15 265, 271	9gZ20 266, 272	9gZ25 267, 273	9gS07 276, 280	9gS12 277, 281	gXS08 276, 280	gXS10 277, 281	gXS12 277, 281	gXMT00 259	g6MT00 260	30MT23 261	gOMT01 261	30MT02 261	30MT03 261	38MT01 259	gOMT14 261	33MT02 259	33MT03 259	14SI2 283	34MT01 259	31MT13 259	31MT02 259		10YR00 284	20YW00 284	10YMO0 284	
	9gZ16 265, 271	9gZ21 266, 272	9gZ26 267, 273	9gS08 276, 280	9gS13 277, 281	gXS07 276, 280	gXS09 276, 280	gXS11 277, 281	gXS13 277, 281	g6MT01 260	----- -----			30MT07 261	gOMT04 261	-----	gOMT05 261	gOMT15 261	14SI3 283	34MT02 259	32MT13 259	32MT02 259				20YMOO 284	
	9gZ17 265, 271	9gZ22 266, 272	9gZ27 267, 273	9gS09 276, 280	-----						-----			-----					30MT13 261		33MT11 259						
	9gZ18 265, 271	9gZ23 266, 272	9gZ28 267, 273	9gS10 277, 281	-----									-----					15SI2 283								
	9gZ19 265, 271	9gZ24 266, 272	9gZ29 267, 273	9gS11 277, 281	-----														15SI3 283								
	IND 3880	IND 3880	IND 3880	IND 3880	IND 3880	FF 2900	FF 2900	FF 2900	FF 2900	DR 2013	2-3-3 2990	DY 2120	DY 3710	EF 3640	DR 2013	DR 2013	DR 2013	DR 2013	1-1-1-1-1 2070	DR 3621	3-3-2 2060	DR 3621	CA 3180	DR 3690	DR 3690	IP 3611	
C	gXZ25 267, 273	gXZ26 267, 273	gXZ27 267, 273	gXZ28 267, 273	gXZ29 267, 273	I2SA00 294	I2SA01 294	I2SA02 294	I2SA03 294	I2SA04 294	I2SA05 295	I2SA06 295	I2SA07 295	I2SA08 295	I2SA09 295	I2SA10 296	I2SA11 296	I2SA12 296	I2SA13 296	I2SA14 296		31MT01 259	OOSMOO 282	OOSMO1 282	OOSMO2 282	20YDOO 285	
	FF 2000	FF 2000	FF 2000	FF 2000	FF 2000	SA 4460*	SA 4460*	SA 4460*	SA 4460*	SA 4460*	SA 4460*	SA 4460*	SA 4460*	SA 4460*	SA 4460*	SA 4460*	SA 4460*	SA 4460*	SA 4460*	SA 4460*	CA 3180	DR 3621	DR 3621	DR 3621	DR 3621	SA 3660	
B	gXZ20 266, 272	gXZ21 266, 272	gXZ22 266, 272	gXZ23 266, 272	gXZ24 266, 272	34SA00 294	34SA01 294	34SA02 294	34SA03 294	34SA04 294	34SA05 295	34SA06 295	34SA07 295	34SA08 295	34SA09 295	34SA10 296	34SA11 296	34SA12 296	34SA13 296	34SA14 296			g1VSI5 332	O1VS45 332	g1MT04 259	10YSOI 284	
	FF 2000	FF 2000	FF 2000	FF 2000	FF 2000	SA 4460*	SA 4460*	SA 4460*	SA 4460*	SA 4460*	SA 4460*	SA 4460*	SA 4460*	SA 4460*	SA 4460*	SA 4460*	SA 4460*	SA 4460*	SA 4460*	SA 4460*	CA 3180			±15V SENSOR 2880	-4.5V SENSOR 3720	g4MT03 259	20YSOI 284
A	gXZ15 265, 271	gXZ16 265, 271	gXZ17 265, 271	gXZ18 265, 271	gXZ19 265, 271	g7MT00 260	g5MT00 260												01VR10 332	OOSMO3 282	OOSMO4 282	OOSMO5 282					
						g7MT01 260	g6MT02 260														OISM03 282	OISM04 282	OISM05 282				
	FF 2000	FF 2000	FF 2000	FF 2000	FF 2000	DR 2013	DR 2013	CA 3180													DR 3621	DR 3621	DR 3621	CA 3180			

IDENT NO. 7032767-00

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30 20 10 0 -10 -20 -30			NEEDS TO BE SPECIFIED	
			DIMENSION IN PARENTHESIS - TOLERANCE UNLESS OTHERWISE SPECIFIED	
			GRADE 4 PLAIN CARBON STEEL	
			FINISHES - FINISHES - FINISHES	
30 20 10 0 -10 -20 -30			HOLE DIAMETER TOLERANCE	
			0 THRU .250 .003 .005 .010 .015 .020	
			.002 .003 .005	
			THREATS - EXCELLENCE IN CL 2B	
30 20 10 0 -10 -20 -30			MATERIAL	
			NEXT ASSY	
			COMPONENT	
			APPLICATION	
30 20 10 0 -10 -20 -30			COMMODITY CODE	
			FINISH	
			FINISH	
			FINISH	

[]	LAYOUT		DATE
	DRAFTSMAN D.R.MUHS		6-28-6
R	CHECKER D.C. WHEELER	Bow MS	8-17-6
	ENGINEER R.W. SVOBODNY	PWD	8-17-6
	APPROVED <i>H Oulidny</i>		8-17-6

